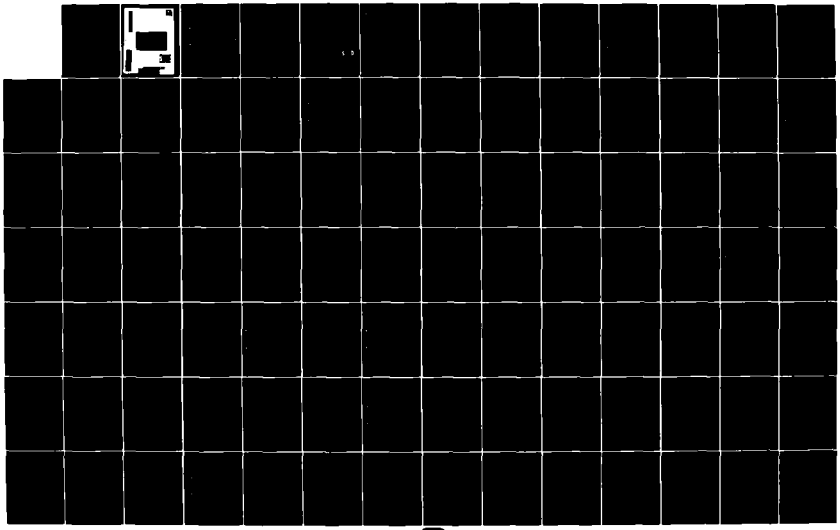
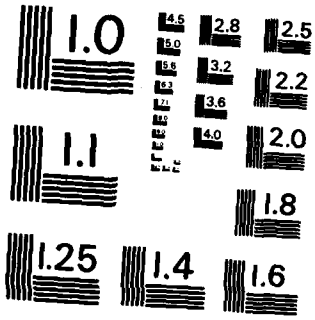
AD-A121 082 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-36K WIRE OPERATIONS SPECIALIST(U) DEFENSE LANGUAGE INST LACKLAND AFB TX ENGLISH LANGUAGE CENTER OCT 82 1/2

UNCLASSIFIED F/G 9/9 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

(2)

OCT 1982

JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 36K MOS
WIRE OPERATIONS SPECIALIST

JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 36K
WIRE OPERATIONS SPECIALIST

DISCLAIMER NOTICE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

2

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO. AD-A121052	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Job Language Performance Requirements (JLPR) for Pre-BT Extended Course MOS 36K		5. TYPE OF REPORT & PERIOD COVERED Final
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Defense Language Institute-English Language Center		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Defense Language Institute-English Language Center ATTN: DLIELC-LEACA Lackland Air Force Base, TX 78236		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE OCT 1982
		13. NUMBER OF PAGES 143
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Job Language Performance Requirements (JLPR)	Task Inventory
Lexical Analysis	Common Tasks
Structural Analysis	Listening
English Language Skills	Speaking
Task Prioritization Checklist	Reading

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

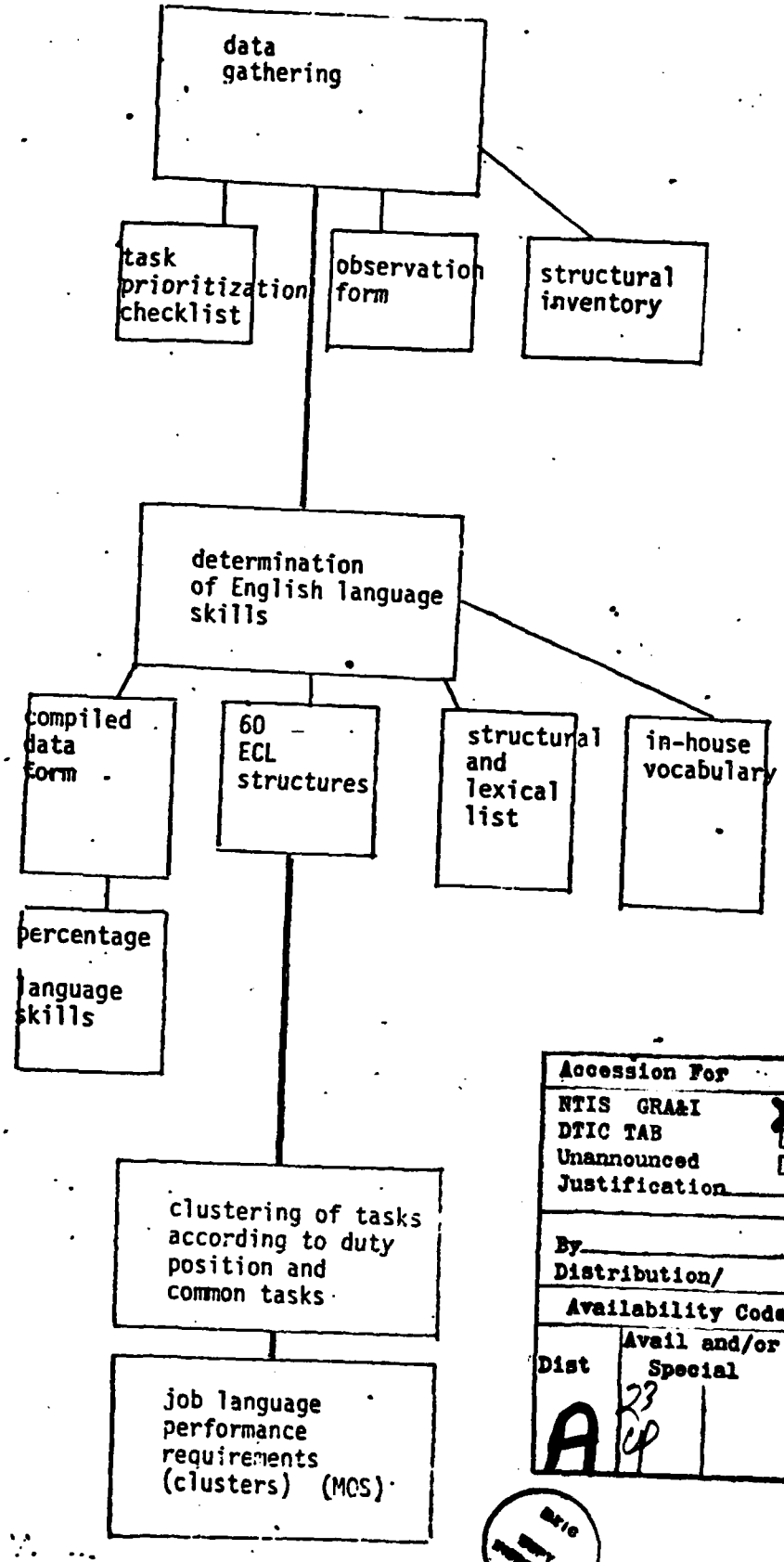


FIGURE 1

CONTENTS

PREFACE

Instructions for review of Job Language Performance Requirements for 36K

Military Reviewers:

Please look over Sections I through IV. These sections discuss the gathering of data, organization of data, and clustering of the tasks. Sections V and VI are the main products of the entire process, the Job Language Performance Requirements per cluster, and finally, for the entire MOS.

Pay careful attention to Appendices one through eight. These appendices contain all the information used to determine the Job Language Performance Requirements.

You as the reviewer have first hand experience with the tasks and training. Your review will help add much needed input to the design and development of the course. Please write any suggestions or changes directly on the document.

As you look over the document, please keep the following questions in mind:

1. Do the requirements identify the language skills necessary in AIT and the Unit?
2. Do the requirements clearly state what the soldier must do in regard to language?
3. Are there any terms that need to be added or removed completely?
4. On what language skill is the most emphasis placed in AIT and Unit?
5. How much carry-on is there between AIT and Unit requirements in language skills, structure and vocabulary?

Thank you for your cooperation. It is greatly appreciated.

An explanation of Appendices one through eight follows:

Appendix one is the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two is the Task/Inventory Completed Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three is the Percentage of Language Skills. This form includes computations of language skills for each task cluster.

Appendix four is the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

3

Appendix five is the final list of structural and lexical items found through data gathering and organization.

Appendix six is the in-house vocabulary list. This is an alphabetical listing of the vocabulary observed in actual training situations as well as in the Soldier's Manual.

Appendix seven is the machine generated vocabulary for 36K prepared by TRADOC.

Appendix eight is the list of structural and lexical items requisite to 60 ECL. These were determined through coordination with the Tests and Measurements Section at the Defense Language Institute and the Defense Language Institute, American Language Course materials.

SECTION I

DATA GATHERING

INTRODUCTION

To determine the Job Language Performance Requirements for 36K data had to be gathered. The gathering of data and form used are discussed in the following section.

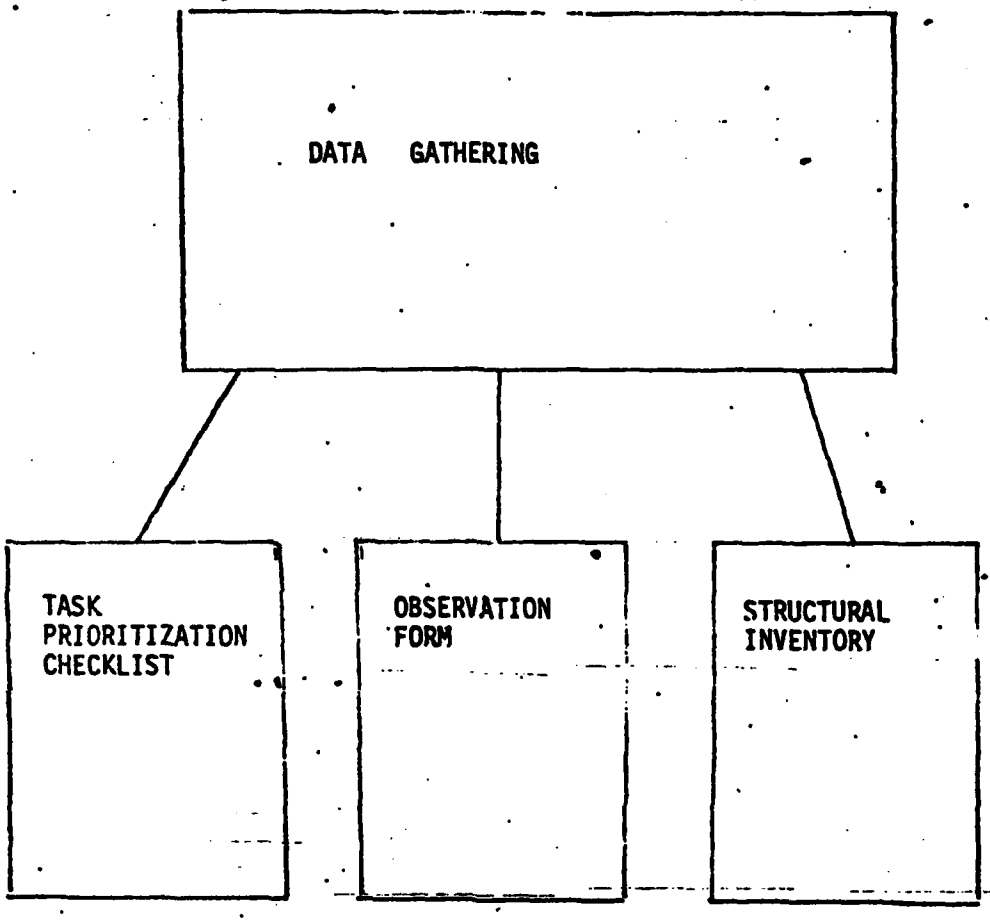


FIGURE 2

1-2-36K

SECTION I: DATA GATHERING

In order to establish job language performance requirements for 36 K the curriculm department at the Defense Language Institute (DLI), analyzed the current learning and working situations, user populations and individual tasks pertaining to 36K. The goal was to collect data which would help identify the job language performance requirements not only in the MOS but also in the field of language.

To analyze learning and working situations, user populations and individual tasks, training specialists visited AIT and Unit cadre at Ft. Gordon, Ga., Ft. Bragg, N.C, and Germany Here, interviews were conducted using a Task Prioritization Checklist, (Appendix 1). First line supervisors answered the following questions:

1. Is the task taught?
2. Is the task tested?
3. How is the task tested?
4. How is the task taught?
5. How important are speaking, listening, reading and writing?
6. What are the results of poor performance?

Additional data was gathered through use of an Observation Form and a structural analysis of the Soldier's Manual.

The Observation Form (Appendix 4), was used by the personnel conducting the interviews to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of experts who first listed all structures found in the Soldier's Manual and then all structures, standard and non-standard, noted on the Observation forms for 36K All vocabulary from the Soldier's Manual was also listed. Then all lists were combined into a lexical and structural inventory.

CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 3)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in 36K).

These tools were used to form the data pool from which the information to determine the Job Language Requirements was found.

7

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

The data gathered was not immediately useful. It had to be organized into information. The following section discusses the organization of the data to determine the English language skills.

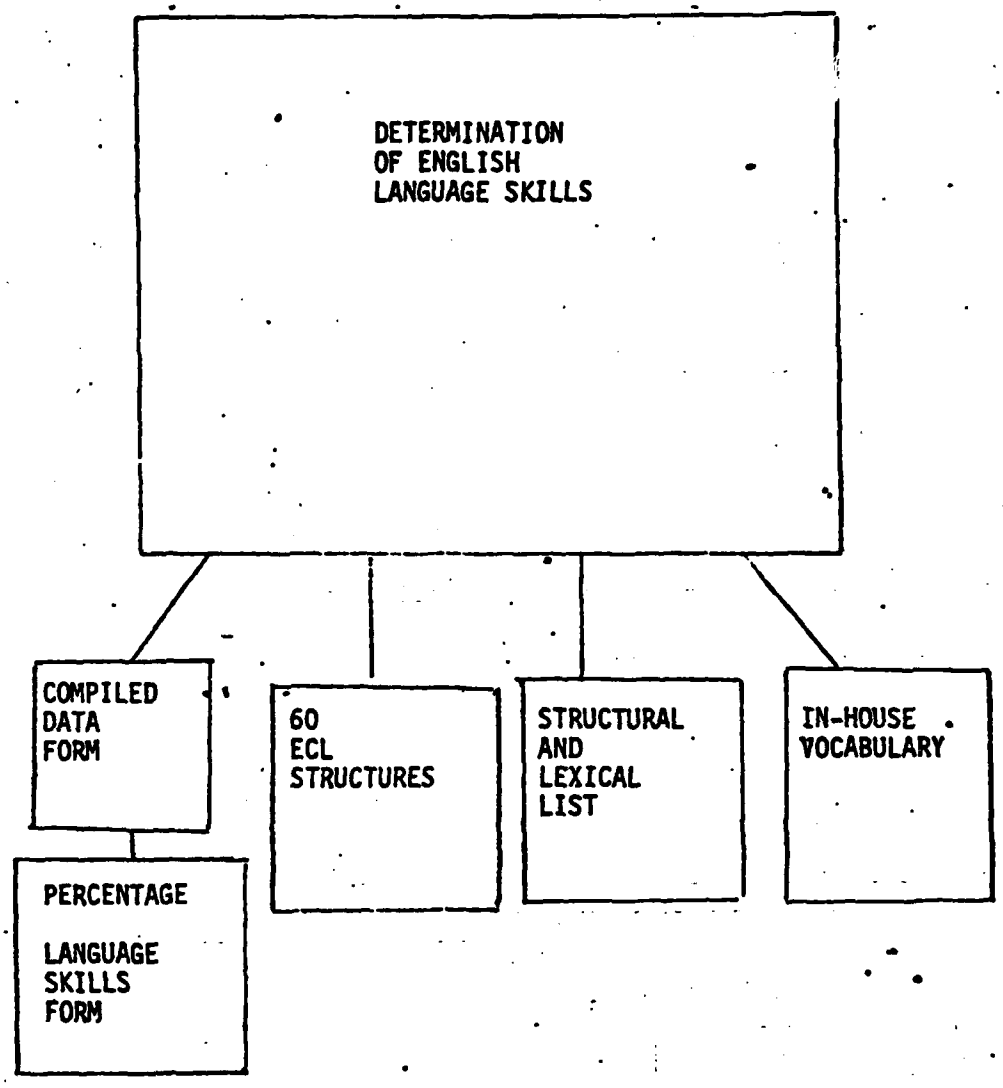


FIGURE 3

2-2-36K

9

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

The data gained was summarized to determine the English Language skills which the soldier must learn to perform the task.

The Compiled Data Form, Appendix 2, was used to organize the data from the user populations. The information from the Task Prioritization Checklist was recorded directly on this form. Three variables from the prioritization checklist were used to determine the language skills.
They were:

1. Methods of teaching.
2. Methods of testing.
3. The ratings given to the English language skills

The three variables were identified as to English language skills involved. The following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	 listening, listening, writing listening reading, writing
Methods of Testing performance oral written	 listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*This is the top portion of the Task Prioritization Checklist from which the information was taken.

*RATING:	*RATING:	IS TASK TAUGHT?		IMPORTANCE OF			HOW TAUGHT				IS TASK TESTED?		HOW TESTED?	
1 = high	1 = low	YES	NO	LISTENING*	SPEAKING*	READING*	WRITING*	LECTURE	SELF-PACED	DEMONSTRATION	HANDS-ON	YES	NO	WRITTEN	ORAL PERFORMANCE
2 =	2 = med														
3 = average	= high														
4 =															
5 = low															

Answers to the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

Total number of possible answers according to skill in each task multiplied by the total number of respondents to the task.

divisor

Total tally of responses per task per skill from the Compiled Data Form.

dividend

This indicated the percentage of use of the skill in the task. Percentages of skills in the duty position and in the MOS were found by incrementing task number and number of responses, (See Appendix 3). Percentages found in 36K were:

Listening	40%
Speaking	27%
Reading	25%
Writing	27%

As shown by the figures, listening is the most important skill in 36K. However, in a particular duty section, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the percentages of skills in each duty position.

Organization of data pertaining to lexical and structural items was done by comparing the in-house structural and lexical list with a list of 60 ECL (English Comprehension Level Examination) requisites. The 60 ECL requisites were determined through research of the American Language Course (ALC) materials. A panel of experts, all of whom have taught ALC materials, listed all lexical and structural items of which mastery is necessary for attainment of a 60 ECL. By comparing the lists, redundancies and unnecessary structures were eliminated from the original list.

We are concerned with those lexical and structural items that are necessary to learn and perform tasks in 36K. The non-native soldier needs these structural and lexical items to successfully complete MOS training. Appendix 5 is the final list of lexical and structural items necessary in 36K. A 60 ECL was used as a base line and does not reflect the specified ECL for entry into MOS training. The 60 ECL was chosen because experience at DLIELC (Defense Language Institute, English Language Center) has shown a 60 ELC to be an excellent indicator of success in training of a non-native speaker.

The lexical and structural items are identified by grammatical title. Appendices 6 and 7 are the actual words, terms, and acronyms found in 36K.

The lexical and structural list is not exhaustive, but it would be impossible to list every structural or lexical item the soldier would be exposed to.

Appendix 6 is a machine generated vocabulary list made by the United States Army Training and Doctrine Command at Fort Monroe, Virginia. Through a review of the current POI, and the 36K soldier's manual, a subjective evaluation was made on each task to determine the five vocabulary reductions. (Appendix 7) The five categories were:

1. most important
2. substantial importance
3. important
4. limited importance
5. least importance

For our uses, a language oriented reduction was also needed; therefore, an in-house vocabulary list was made.

Using the Soldier's Manual and personnel's observations, a vocabulary list for each task was made. The words were categorized in three ways:

1. Basic Vocablary. Basic vocabulary is defined as those words, terms, and acronyms that could be taught in basic training or a pre-enlistment course.
2. General vocabulary. General vocabulary is defined as those words, terms, and acronyms common to everyday English.
3. Technical vocabulary. Technical vocabulary is defined as those words, terms, and acronyms that are specific to the MOS training field.

In order to explain any redundancies which may be noted with respect to the language structures and vocabulary items cited in the language performance requirements for the Basic Training ESL course, it should be pointed out that at present it is planned that the basic structures and general English vocabulary necessary for attainment of a 60 ECL will developed in the materials designed for use either in the Basic Training ESL course or the Pre-enlistment course. The basic soldiering vocabulary will also be developed in the BT materials. It is planned that any language structures identified in the analysis of the 36K Soldier's Manual and the Observation Forms not listed for 60 ECL (Appendix 8), will be developed in the MOS course. Also, to be included as part of the language performance requirements is the MOS specific vocabulary. (Appendix 6)

CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory/Compiled Data Form, use of the Percentage Language Skills Forms, and the In-house Structural Analysis list. The 60 ECL list of structural items was also used to further validate the in-house inventory of lexical and structural items. The actual lexical items in 36K are listed alphabetically in Appendix 6. All of this information was then used to determine the Job Language Performance Requirements for 36K.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

To treat each individual task would be time consuming therefore the tasks were clustered.

The following section contains a discussion of the clustering process.

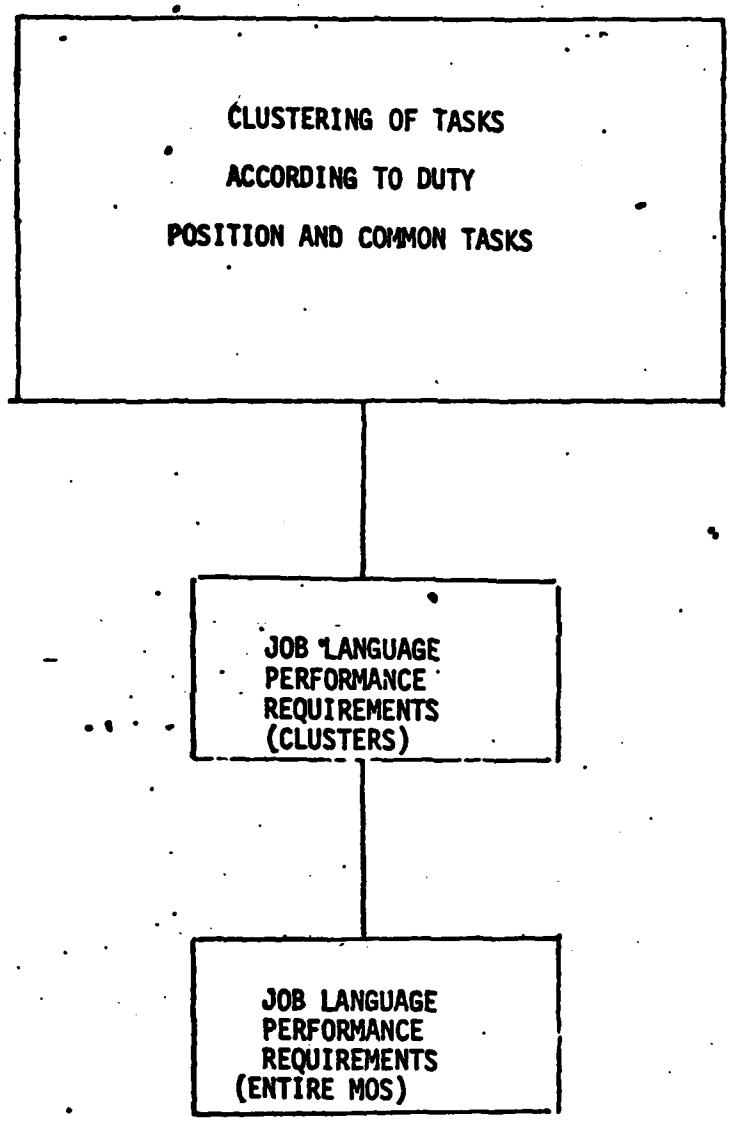

CLUSTERING OF TASKS
ACCORDING TO DUTY
POSITION AND COMMON TASKS
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(CLUSTERS)
JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(ENTIRE MOS)

FIGURE 4

SECTION III: CLUSTERING COMMON AND DUTY POSITION TASKS

The Soldier's Manual for MOS 36K contains 85 tasks. The necessity to keep the flow of teaching and flexibility of teaching one task before or after another warranted clustering of the tasks.

Clustering was done by using the common and duty position tasks in the 36K Soldier's Manual.

1. Camouflage
2. M16A1 Rifle
3. Physical fitness
4. First Aid
5. Nuclear, Biological and Chemical
6. Security and intelligence
7. Map reading
8. Radio procedure
9. Prepare D.D. Form 2404
10. Reel unit
11. Field wire/cable
12. Switch board, telephone, manual
13. Tactical switch board, SB- 861P
14. Tactical switch board, SB - 3082 (v) 1/GT
15. Telephone set TA- 312 / PT
16. Telephone set TA - 381/ TT
17. Telephone set TA - 341/ TT
18. Radio set AN/ PRC - 77
19. Radio set AN/ VRC - 49
20. Develop line route map
21. Radio wire integration system (RWI)

SECTION IV

THE JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

The goal of data gathering and organization was the Job Language Performance Requirements. The following section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

- TASK:
  CONDITION:
  STANDARD:

A. TASK

The Job Language Performance Requirements are tasks specifying what the soldier must do in the area of language. A task addressing language would be one of reading, listening, speaking or writing. The soldier needs the language task to learn or perform the MOS task. Tasks for 36K as seen in the Soldier's Manual are those which pertain to installing, and operating telephones, and switchboards; also performing preventive maintenance on equipment. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write.

SPEAKING

Produces oral utterances to report/inform/explain/interact/elicit/response/respond.

Analysis of 36K indicates verbal reports entailing those activities directly related to MOS 36K, Tactical Wire Operations Specialist.

The speaking act to respond or elicit response is in 36K an oral response involving installing, operating telephones and switchboards, and performing preventive maintenance on equipment.

Speaking to elicit response in reference to 36K involves using radio procedure.

Speaking to explain involves situations of explaining telephone and switchboard installation, operating procedures; also preventive maintenance problems.

Speaking to inform involves accomplishment of tasks and procedural information.

READING

Read for information/Read to learn.

Printed and written materials are used throughout 36K. The soldier reads technical manuals, field manuals, soldier's manual written communications and audi-visual aids. Content of these materials is presented in simple factual words or sentences to complex passages containing highly technical vocabulary and ellipsis. The purpose is to teach the student, so, the student reads them to learn. From the analysis of 36K the task of reading supplements the lectures and demonstrations or it preceeds the tests. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to long or short term memory and for immediate or later recognition.

Basically the soldier will use these reading materials to supplement what is stated in lecture by integrating the information from the different texts or written communiques.

18

Reading materials such as this requires the ability to acquire meaning from the word (we can assume he can already decode in the MOS). The soldier must develop the ability to understand the words in context. Then the soldier must read in thought units, and finally select and understand the main ideas. The soldier must retain, apply and integrate these ideas with past experience to use in the present.

Reading to learn then is the aforementioned synthesis or formulation. Retaining what is read in long term memory for integration in experience.

Reading for information does not involve such a thought synthesis. The read material is retained in short term memory and processed as necessary clarification of what had been read in the process of learning. The soldier needs the data at present so it is accessed from a storage device for immediate use and then returned. In reading to learn, the accessing of the information is immediate but the returning of the information does not happen. The information is kept for further processing. (It is similar to a real time computer).

LISTENING

Listen to oral information to learn or report.

Analysis of 36K indicated demonstration as a main method of instruction. The demonstration is often supplemented by a lecture. The soldier listens to the demonstration to learn data pertinent to the task. In the presentation of the demonstration, analysis indicated many variables. The soldier hears sub-standard usages, various registers, colloquialisms, or profanity in a situation ranging from a barracks to a field. The soldier must differentiate between the types of language operations. Is it expression, exchange, description, explanation, argumentation, persuasion, designation, statement, request or order? The oral information may be directly from the speaker, over a telephone, radio, TV, or tape. The soldier must formulate all to learn. The soldier must organize and gain meaning from what is heard. The soldier must identify or infer the main ideas or major points.

Spontaneous oral information, that other than controlled speech, involves more inferences, more integration and more reasoning. The soldier must deduce actions, attitudes and opinions and finally the meaning of what is being conveyed.

Because the types of listening are so vast and the presentations of oral language are so varied, exactly how a non-native student has to listen cannot be specified. You can test listening comprehension but not the actual listening required. Usually a bilingual person will think in his or her language. This supposes that some bilingual persons may translate the heard language into their language to understand and learn.

The soldier first needs the ability to comprehend the spoken word. We can assume that the soldier can do this because he is in MOS training.

As in reading, the soldier must understand the words in context. The soldier must understand the thought units and finally select and understand the main idea. The soldier must retain these ideas and integrate them.

Unlike reading, listening to learn is not as structured and the soldier is required to sift through much more irrelevant stimuli to finally extract the pertinent data.

Listening can be broken into two main types in 36K. In listening to learn, information is presented spontaneously or constrained. In listening to respond, information is usually presented spontaneously.

Analysis of 36K did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI though does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

Listening to learn as indicated refers to specific data related to the MOS. Listening in this case is critical listening. The soldier must isolate, conceptualize, and retain that oral communication that is pertinent to successful task completion.

B. CONDITIONS

The condition is what the soldier will be given to do the task. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organization of the data from interviews and observations. To say that the soldier will be given these structures and only these structures is impossible. Language use is spontaneous and the MOS environment is not one of constrained language. For the MOS job, the soldier is given paper, pencil, and printed materials, but not for language. Again, for the job that the soldier will be given, the material under normal working conditions or other conditions may be added such as with or without protective gear or in darkness, but this cannot be specified in the field of language so we must assume all teaching conditions as found in Appendix 4.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands but these cannot exactly in each task. Therefore these are listed with the Job Language Performance Requirements as possible conditions unless they are specified.

C. STANDARDS

The standard for our purpose is 100%. The 100% standard for understanding or speaking cannot be tested as can one saying the soldier will disassemble a .45 caliber pistol in 8 minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

CONCLUSION:

The Job Language Performance Requirements were first written for each cluster. They are then indicative of defined topic areas within the MOS. They indicate necessary language tasks within the soldier's working area.

The Job Language Performance Requirements for the clusters were then combined into the Job Language Performance Requirements for the entire MOS.

Mastery of the Job Language Performance Requirements will remove language as a deterrent both in the performance of a soldier's duties in 36K and also in the pursuance of a successful career in the United States Army.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Specific Job Language Performance Requirements were identified in the process described in Sections I, II, III, and IV.

The following section contains the Job Language Performance Requirements for each cluster. To facilitate cross-referencing the task clusters, and percentage of language skills, follow the Job Language Performance Requirements for each cluster.

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	35%
Reading	40%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in the form of a lecture in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, charts, pictures with captions, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses

III. TASK NUMBER AND TITLE

051-191-1361	Camouflage/Conceal Self and Individual Equipment
051-191-1362	Camouflage/Conceal Equipment

M16A1 Rifle

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	35%
Reading	30%
Writing	29%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication

III. TASK NUMBER AND TITLE

071-311-2002	Load and Unload an M16A1 Rifle Magazine
071-311-2003	Load, Reduce a Stoppage, Unload and Clear an M16A1 Rifle
071-311-2004	Zero an M16A1 Rifle
071-311-2005	Engage Targets with an M16A1 Rifle

PHYSICAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	27%
Speaking	17%
Reading	11%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Read for information
CONDITIONS:	Given printed MOS training material in the form of procedures, manuals, charts, pictures with captions and explanations
STANDARDS:	100% understanding of printed content
TASK:	Listen to perform
CONDITIONS:	Given a verbal command in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses

III. TASK NUMBER AND TITLE

071-327-0201	Maintain Individual Physical Fitness Appropriate to Unit Mission

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	38%
Speaking	26%
Reading	23%
Writing	22%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS materials in the form of pictures with captions, procedures, tables and explantions
STANDARDS: 100% understanding of printed content

TASK: Listen to respond
CONDITIONS: Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structual and lexical items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral utterances

TASK: Produce oral utterances to explain
CONDITIONS: Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral communication

III. TASK NUMBER AND TITLE

081-831-1004	Perform Mouth-to-Mouth Resuscitation and External Cardiac Massage
081-831-1005	Stop Bleeding
081-831-1006	Identify Signs and Treat for Shock
081-831-1008	Administer Emergency Medical CAre for Burns

NUCLEAR, BIOLOGICAL, AND CHEMICAL

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	30%
Reading	20%
Writing	28%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, captioned pictures and notations defined as explanations
STANDARDS: 100% understanding of printed material

TASK: Listen to perform
CONDITIONS: Given oral warnings regarding simulated NBC situations (scenario) in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral utterances

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given NBC Situations requiring oral alarms
STANDARDS: 100% understandable oral utterances

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

III. TASK NUMBER AND TITLE

081-831-1012	Administer Antidote to a Nerve-Agent Casualty
091-503-1001	Maintain Protective Mask and Accessories
091-503-1002	Put on a Protective Mask
091-503-1003	Take Cover as Protection Against NBC Hazards

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	35%
Reading	30%
Writing	30%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Read to learn
CONDITIONS: Given printed MOS training material in the form of procedures, tables, and warnings
STANDARDS: 100% understanding of printed content

TASK: Produce spontaneous oral utterances to interact
CONDITIONS: Given the requirement to orally respond to challenges, passwords, and security situations
STANDARDS: 100% understandable oral communication

TASK: Listen to learn
CONDITIONS: Given oral instructions in training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses

TASK: Write to record
CONDITIONS: Given a requirement to make a written report
STANDARDS: 100% legible written content.

TASK: Listen to orally interact
CONDITIONS: Given oral challenges, passwords, and scenarios in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

III. TASK NUMBER AND TITLE

071-331-0801	Use Challenge and Password
021-030-1503	Safeguard Classified Information

MAP READING

I. PERCENTAGE LANGUAGE SKILLS

Listening	52%
Speaking	20%
Reading	33%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Read for information
CONDITIONS:	Given printed MOS training material in the form of marked maps, definitions, pictures with explanations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 &6)
STANDARDS:	100% understandable oral responses

III. TASK NUMBER AND TITLE

071-329-1006 Navigate Using a Map

RADIO PROCEDURE

I. PERCENTAGE LANGUAGE SKILLS

Listening	36%
Speaking	27%
Reading	27%
Writing	27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, pictures with explanations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the pnonetic alphabet in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Listen to perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% legibility of written communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses

III. TASK NUMBER AND TITLE

113-571-1001	Use Correct Procedure to Transmit or Receive Radio Message
113-572-8001	Process Incoming Message
113-572-8002	Process Outgoing Message

PREPARE DA FORM 2404

I. PERCENTAGE LANGUAGE SKILLS

Listening	34%
Speaking	25%
Reading	17%
Writing	23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Read for information
CONDITIONS:	Given MOS written/printed training material and designated form
STANDARDS:	100% understanding of printed/written material
TASK:	Write to record information via designated form
CONDITIONS:	Given printed MOS training material and blank Form 2404 with instructions
STANDARDS:	100% legible written communications

III. TASK NUMBER AND TITLE

113-623-3001	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet) as a Daily and Weekly Maintenance Report
113-623-3002	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet) as an ESC (Equipment Serviceability Criteria) Report

REEL UNIT

I. PERCENTAGE LANGUAGE SKILLS

Listening	25%
Speaking	21%
Reading	13%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any teaching situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned pictures and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any trainings situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make written reports
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-588-1016	Install Reel Unit RL-31-E (Ground Operations)
113-588-1017	Install Reel Unit RL-31-E (Flatbed Vehicle Operations)
113-588-2002	Operate Reel Unit RL-31-E
113-588-3005	Perform Operator's Preventive Maintenance on Reel Unit RL-31-E
113-588-1018	Install Reeling Machine, Cable, Motor Driven RL-172/G
113-588-2003	Operate Reeling Machine, Cable, Motor Driven RL-172/G
113-588-3006	Perform Operator's Preventive Maintenance on Reeling Machine, Cable, Motor Driven RL-172/G
113-588-6001	Direct Installation of Reeling Machine Cable, Motor Driven RL-172/G
113-588-6002	Direct Operation of Reeling Machine, Cable, Motor Driven RL-172/G

FIELD WIRE

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	31%
Reading	22%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, captioned pictures and notations defined as explanations
STANDARDS: 100% understanding of printed material

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-588-1019	Install Buried Telephone Cable WD-1/TT or WF-16/U
113-588-1020	Install Telephone Cable WD-1/TT or WF-16/U
113-588-1021	Install Surface Telephone Cable WD-1/TT or WF-16/U
113-588-1022	Install Test Station (Terminal Strip TM-184)
113-588-1023	Install Test Station (Terminal BOX TA-125/GT)
113-588-3007	Troubleshoot Telephone Cable WD-1/TT or WF-16/U
113-571-3008	Repair Telephone Cable WD-1/TT or WF-16/U Line
113-588-6003	Direct Installation of Telephone Cable WD-1/TT or WF-16/U

SWITCHBOARD, TELEPHONE, MANUAL

I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	23%
Reading	23%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any teaching situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Read for information
CONDITIONS:	Given MOS printed training material including charts and pictures with printed instructions for procedures
STANDARDS:	100% understanding of printed material
TASK:	Produce oral utterances ove radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Listen to perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral content
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Write to record information via designated form
CONDITIONS:	Given MOS printed training material and blank Form 2404 with instructions
STANDARDS:	100% legible written communicative skill

III. TASK NUMBER AND TITLE

113-594-1010	Install Switchboard, Telephone, Manual SB-22/PT or SB-22A/PT (Preinstallation Checks)
113-594-1011	Install Switchboard, Telephone, Manual SB-22/PT or SB/-22A/PT
113-594-2004	Operate Switchboard, Telephone, Manual SB-22/PT or SB-22A/PT
113-594-1012	Disassemble Switchboard, Telephone, Manual SB-22/PT or SB-22A/PT
113-594-3011	Perform Operator's Preventive Maintenance on Switchboard, Telephone, Manual SB-22/PT Or SB-22A/PT
113-594-6001	Perform Equipment Serviceability Criteria (ESC) on Switchboard, Telephone, Manual SB-22/PT or SB-22A /PT
113-594-7008	Direct Installation of Switchboard Telephone, Manual SB-22/PT or SB-22A/PT
113-594-7009	Check Operation of Switchboard, Telephone, Manual SB-22A/PT

TACTICAL SWITCHBOARD
SB-86/P

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	17%
Reading	20%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any teaching situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Listen to perform
CONDITIONS: Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral content

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances over radiotelephone
CONDITIONS: Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training material in the form of instructions, pictures with explanations
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete communication forms and logs
STANDARDS: 100% legibility of written communication

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS: 100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-594-1001	Install Manual Telephone Switchboard SB-86/P
113-594-2001	Operate Manual Telephone Switchboard SB-86/P
113-594-1013	Disassemble Manual Telephone Switchboard SB-86/P
113-594-3001	Perform Operator's Preventive Maintenance on Manual Telephone Switchboard SB-86/P
113-594-7007	Inspect Preventive Maintenance on Manual Telephone Switchboard SB-86/P
113-594-7002	Check Operation of Manual Telephone Switchboard SB-86/P
113-594-7010	Direct Installation of Manual Telephone Switchboard SB-86/P

TACTICAL SWITCHBOARD SB-3082 (v) 1/GT

I. PERCENTAGE LANGUAGE SKILLS

Listening	33%
Speaking	17%
Reading	22%
Writing	25%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any teaching situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, and pictures with explanations
STANDARDS:	100% understanding of printed content
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-594-1002	Install Switchboard, Telephone, Cordless Manual SB-3082 (v) 1/GT
113-594-2002	Operate Switchboard, Telephone, Cordless Manual SB-3082 (v) 1/GT
113-594-3002	Perform Operator's Preventive Maintenance on Switchboard, Telephone, Cordless Manual SB-3082 (v) 1/GT
113-594-1014	Disassemble Switchboard, Telephone, Cordless Manual SB-3082 (v) 1/GT

III. **TASK NUMBER AND TITLE**

113-594-7005	Check Operation of Switchboard, Telephone, Cordless Manual SB-3082 (v) 1/GT
113-594-7011	Direct Installation of Switchboard Telephone Cordless Manual SB-3082 (v) 1/GT
113-594-7012	Inspect Preventive Maintenance on Switchboard, Telephone, Cordless Manual, SB-3082 (v) 1/GT

TELEPHONE SET TA-312/PT

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	35%
Reading	19%
Writing	27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any teaching situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, pictures with explanations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Produce oral utterances over telephone
CONDITIONS:	Given the requirement to orally communicate in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-600-1001	Install Telephone Set TA-312/PT
113-600-2001	Operate Telephone Set TA-312/PT
113-600-3001	Perform Operator's Preventive Maintenance on Telephone Set TA-312-PT
113-600-7001	Direct Installation of Telephone Set TA-312/PT

TELEPHONE SET TA-341/TT TA-341A/TT

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	20%
Reading	22%
Writing	30%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances over telephone
CONDITIONS:	Given the requirement to orally communicate in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of requirements, pictures and labels
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% legibility of written communication
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, pictures with explanations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situations (Appendix 4), and with standard and non-standard structural and lexical items (Appendix 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-600-1003	Install Telephone Set TA-341/TT or TA-341A/TT
113-600-2002	Operate Telephone Set TA-341/TT or TA-341A/TT
113-600-3002	Perform Operator's Preventive Maintenance on Telephone Set TA-341/TT or TA-341A/TT
113-600-7002	Direct Installation of Telephone Set TA-341/TT or TA-341A/TT
113-600-7003	Inspect Preventive Maintenance of Telephone Set TA-341/TT or TA-341A/TT

RADIO SET AN/PRC-77

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	27%
Reading	31%
Writing	27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Write to record
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% legibility of written communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, and pictures with explanations
STANDARDS:	100% understanding of printed content
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, and pictures with explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of requirements, pictures and labels
STANDARDS:	100% understanding of printed content

III. TASK NUMBER AND TITLE

113-587-1001	Install Radio Set AN/PRC-77
113-587-2001	Operate Radio Set AN/PRC-77
113-587-3001	Perform Operator's Preventive Maintenance on Radio Set AN/PRC-77

RADIO SET AN/VRC-49

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	35%
Reading	29%
Writing	28%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, and pictures with explanations
STANDARDS:	100% understanding of printed content
TASK:	Produce oral utterances
CONDITIONS:	Given the requirements to orally communicate in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Write to record
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% legibility of written communication
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-587-1005	Install Radio Set AN/VRC-49
113-587-2005	Operate Radio Set AN/VRC-49
113-587-3002	Perform Operator's Preventive Maintenance on Radio Set AN/VRC-49
113-587-6002	Perform Equipment Serviceability Criteria (ESC) on Radio Set AN/VRC-49
113-587-7002	Direct Installation of Radio Set AN/VRC-49
113-587-7003	Inspect Preventive Maintenance on Radio Set AN/VRC-49

DEVELOP LINE ROUTE MAP

I. PERCENTAGE LANGUAGE SKILLS

Listening	52%
Speaking	30%
Reading	40%
Writing	40%

II. JOB LANGUAGE PERFORMANCE SKILLS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS: 100% understanding of oral communication

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of requirements, pictures and labels.
STANDARDS: 100% understanding of printed content

TASK: Read to learn
CONDITIONS: Given printed MOS training material in the form of instructions, pictures and explanations and sample messages using prowords
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given MOS printed training material, topographic maps, local training area maps and necessary drawing and coloring equipment
STANDARDS: 100% legible graphic illustrations

III. TASK NUMBER AND TITLE

113-611-4001 Develop Line Route Map

RADIO WIRE INTEGRATION SYSTEM (RWI)

I. PERCENTAGE LANGUAGE SKILLS

Listening	48%
Speaking	25%
Reading	27%
Writing	30%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Read to learn
CONDITIONS:	Given printed MOS training material in the form of instructions, and pictures with explanations
STANDARDS:	100% understanding of printed content
TASK:	Produce oral utterances
CONDITIONS:	Given the requirement to orally communicate in any training situation (Appendix 4), using standard and non-standard lexical and structural items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to instruct in any training situation (Appendix 4), and with standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral utterances

III. TASK NUMBER AND TITLE

113-618-1001	Install Radio/Wire Integration (RWI) System
113-618-2001	Operate Radio/Wire Integration (RWI) System
113-618-7002	Direct Installation of Radio/Wire Integration (RWI) System
113-618-7003	Check Operation of Radio/Wire Integration (RWI) System

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (JLPR s) (Entire MOS)

INTRODUCTION

The product of the entire data gathering and organization is the JLPR s. These are relevant to all common and duty tasks in 36K.

There are two tasks per generic skill and listed below each task are the types of receptive or productive behavior involved.

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features, (Appendix 4) in simple to complex printed form in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understanding of printed content.

*The following are specific conditions found in this language task:
*Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	
Rules	Problems
Maps	Manuals
	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

TASK: Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features (Appendices 5 & 6) in simple to complex written form in any training situation. (Appendix 4)

STANDARDS: 100% understanding of written content.

*The following are specific conditions found in this language task:
*Lists
Information
Descriptions

Coordinate scales
Callsigns-suffixes
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages
Data Cards
Punched Tape

WRITING

TASK: Upon instruction, write in conventional orthography, letters numbers, words or sentences appropriate to the training situation.

CONDITIONS: Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.

STANDARDS: 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situation. (Appendix 4)

*The following are specific conditions found in this language task:
*Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

TASK: Write in conventional orthography letters, or specialized code, numbers, words or sentences in order to transmit or record information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

*The following are specific conditions found in this language task:
*Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, (Appendix 4), formal or informal registers, casual or colloquial speech, military jargon, slang or dialectial speech in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

* The following are specific conditions found in this language task:
* Warnings
  Described situations
  Directions
  Lectures
  Scenarios
  Commands, Orders
  Sound tracks (films, tapes)
  Standard/Non-standard English
  Instructions
  SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit response.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

* The following are specific conditions found in this language task:
* Shouting
  Radio communications
  Messages
  Coded messages
  Clear text
  Spellings
  Conversation
  Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously or upon request.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation. (Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon, syntax, registers and styles for the training situation.

* The following are specific conditions found in the language task:
* Explanations
  Statements
  Repetitions
  Counting
  Corrections
  Assignments
  Notifications
  Oral reports
  Answers
  Clarifications
  Information

TASK: Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.

CONDITIONS: Given a communitive situation (Appendices 4,5, & 6), 36K (Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon, syntax, registers, and styles for the communication act.

* The following are specific conditions found in this language task:
* Requesting information
  Requesting permission
  Transmitting messages
  Callsigns
  Vocal signals
  Shout warnings
  Radio communications
  Messages
  Phonetic messages

  Directions, general
  Requests for fire
  Report on the results of fire
  Challenges/Passwords
  Training sessions
  Interaction

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentages Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (In-house)
7. Vocabulary (Machine-generated)
8. 60 ECL Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved for use by TRADOC in 1980. Through the course of analysis, it was found that not all variables were immediately useful. Those variables not used in this document may be used later in the course design. Variables not used were:

Danger to person/equipment
Is it taught?
Is it tested?
Is it difficult?
Is it important?

They were not useful because they did not address difficulties as involved with a native v/s a non-native - the responses to these variables address the entire population, native speakers and non-natives.

YES

NO

LISTEN

SPEAKING

READING

WRITING

LECTURE

SELF-PACED

DEMONSTRATION

HANDS-ON

YES

NO

WRITTEN

ORAL

PERFORMANCE

PERSONAL

ENTERPRISE

IS TASK TAUGHT?

3= high

2= med

1= low

RELEVANCE

DEGREE

A 1-2-36K

56

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from the Task Prioritization Checklist.

AIT

| | | |

	MOS	CRITICAL	OF TEACHING	OF TESTING	ELS	DATA		UNIT	CRITICAL	OF TEACHING	OF TESTING	ELS	ATT/GOAL
	taught? / tested? / difficult?	importance	danger to person or equipment / lecture / hands-on / demonstration / self-paced	written / oral / performance	writing / reading / speaking / listening	soldiers P.O.I. MILPERCEN Regs:	#1 43-3 / 2-Rank	tested? / difficult?	importance	lecture / demonstration / hands-on / self-paced	written / oral / performance	writing / reading / speaking / listening	COMPILED DATA
071-331-6801							DATA OBTAINED FROM: MOS:	2 -	- 5	✓ - - -	- - - ✓	3 - 3 -	AT_2 =
								2 0	5.5	✓✓✓ -	✓✓ -	3 3 2 1	
	0 - -							2 -	- 5	✓✓ - ✓	✓✓ -	2 1 1 1	
081-831-1004								2 -	- 5	✓ - - -	✓ - -	3 - 3 -	AT_2 = 7
	0 - -							- -	- -	- - - -	- - -	- - - -	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	
1005								2 -	- 5	- ✓✓ -	✓ - -	- 3 3 -	AT_2 = 7
	0 - -							- -	- -	- - - -	- - -	- - - -	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	
1006							TRAINING SPECIALIST: NUMBER OF RESPONSES:	2 -	- 5	- ✓ - -	✓ - -	2 - - -	AT_2 =
	0 - -							2 2	5.5	✓✓✓ -	✓ - ✓	3 3 3 3	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	
1008								- -	- -	- - - -	- - -	- - - -	
	0 - -							- -	- -	- - - -	- - -	- - - -	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	
1012								2 -	- 5	- ✓✓ -	✓ - -	3 - 3 -	AT_2 =
								2 2	5.5	✓✓✓ -	- - ✓	3 3 3 3	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	
091-503-1001						Stale		2 -	- 5	- - - ✓	✓ - -	3 - 3 -	
	0 - -							2 0	5.5	✓✓✓ -	- - -	3 3 3 3	
	0 - -							2 -	- 5	✓✓✓ -	✓✓✓	3 2 2 2	60

35

61

DATA							
writing reading speaking listening	1 3 2 1 3 2 2 3 2 3 3 3	1 1 2 3 1 2 1 1 2 3 1 3	1 3 2 2 3 3 1 3 2 3 3 3	1 3 2 1 3 2 1 3 2 2 3 2	1 1 1 1 1 1 1 1 3	1 1 2 1 1 2 1 1 2 2 1 3	1 1 2 1 1 2 1 1 2 2 1 3
written oral performance	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
-paced ds-on onstration ture	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
to rson or uipment portance	5 5 5 1 5 1	5 1 5 1 1 1	5 5 5 1 5 1	5 5 5 1 5 1	1 5 1 1 1	5 1 5 1 1 1	5 1 5 1 1 1
difficult? tested?	1 0 1 2 2 2	1 1 1 2 1 2	1 0 1 2 2 2	1 5 1 2 2 2	1 1 1 1 1 2	1 1 1 2 1 2	1 1 1 2 1 2

LOT: ______ NUMBER OF RESPONSES: ______ //

DATA OBTAINED FROM: ______ TRAINING SPECIALIST: ______

soldiers P.O.I. MILPERCEN Regs:							
writing reading speaking listening	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 2 1 1 1 2 1 1 1 3 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 2 1 1 1 2 1 1 1 3 1 1 1	2 1 1 1 2 1 1 1 2 1 1 1 3 1 1 1
written oral performance	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1
self-paced hands-on demonstration lecture	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
danger to equipment/ person importance	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	5 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	5 1 1 1 1 1 1 1	5 1 1 1 1 1 1 1
difficult? tested? taught?	1 1 1 1 1 1 1 1 1 0 1 0	1 1 1 1 1 1 1 1 1 0 1 0	1 1 1 1 1 1 1 1 1 0 1 0	1 1 1 1 0 1 1 1 1 0 1 0	1 1 1 1 1 1 1 1 0 1 0	1 1 1 1 0 1 1 1 1 0 1 0	1 1 1 1 0 1 1 1 1 0 1 0
	091-503 1002	1003	021-630 1503	113-585 1016	1019	2002	113-623 3001

60

(3)

COMPILED DATA							62
writing	1 1 2	1 1 2	1 1 2	1 1 2	1 - 2	1 1 2	2 3 2
reading	1 1 2	1 1 2	1 1 2	1 1 2	1 - 2	1 1 2	1 3 2
speaking	1 1 2	1 1 2	1 1 2	1 1 3	2 3 2	2 1 3	1 1 2
listening	1 1 3	1 1 3	1 1 3	1 1 3	3 3 3	2 1 3	2 3 3
TESTING written	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
oral	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 2 2
performance	1 1 2	1 1 2	1 1 2	1 1 2	2 2 2	2 1 2	2 2 2
TEACHING self-paced	1 1 1	1 1 1	1 1 1	1 1 1	1 1 2	1 1 2	1 1 2
hands-on	1 1 2	1 1 2	1 1 2	1 1 1	2 2 2	2 1 2	2 1 2
demonstration	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2	1 1 2
lecture	1 1 2	1 1 2	1 1 2	1 1 2	2 2 2	1 1 2	1 2 2
danger to person or equipment	1 1 5	1 1 5	1 1 5	1 1 5	5 5 5	5 1 5	5 5 5
importance	1 1 1	1 1 1	1 1 1	1 1 1	1 5 1	1 1 1	1 2 1
difficult?	1 1 1	1 1 1	1 1 1	1 1 1	1 5 1	1 1 1	1 5 1
tested?	1 1 2	1 1 2	1 1 2	1 1 2	2 2 2	2 1 2	2 2 2

MOS:

NUMBER OF RESPONSES:

DATA OBTAINED FROM:

TRAINING SPECIALIST:

DATA soldier: P.O.I. MILPERCEN Regs:							
ELS writing	2 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
reading	2 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
speaking	2 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
listening	3 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	3 1 1 1	3 1 1 1	3 1 1 1
TESTING written	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
oral	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
performance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
TEACHING self-paced	1 1 1 1	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1
hands-on	2 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
demonstration	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
lecture	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	2 1 1 1	2 1 1 1	2 1 1 1
danger to equipment/person	5 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	5 1 1 1	5 1 1 1	5 1 1 1
importance	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
difficult?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
tested?	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1
taught?	10 0 1 0	1 0 1 0	1 0 1 0	1 0 1 0	10 0 1 0	10 0 1 0	10 0 1 0
	113-598-3005	1015	2003	3006	113-600-1001	2001	3001

4)

(5)

DATA OBTAINED FROM: _____ NCOs: _____

TRAINING SPECIALIST: _____ NUMBER OF RESPONSES: _____

	[illegible] difficult?	[illegible] importance	[illegible] danger to person/equipment importance	METHOD OF TEACHING: lecture	hands-on demonstration	self-paced	METHOD OF TESTING: written	oral	performance	ELS: writing	reading	speaking	listening	DATA: soldiers P.O.I. MILPERCEN Regs:	
113-594-1010	0	-	-	-	✓	-	-	-	-	3	2	2	2		
	1	5	-	✓	✓	✓	-	-	-	-	-	-	-		
	0	-	-	-	-	-	-	-	-	-	-	-	-		
1011	0	-	-	-	✓	✓	-	-	-	3	2	2	2		
	1	5	-	✓	✓	✓	-	-	-	-	-	-	-		
	0	-	-	-	-	-	-	-	-	-	-	-	-		
113-594-2004	0	-	-	-	-	-	-	-	-	3	2	-	-		
	1	5	-	✓	✓	✓	-	-	-	3	3	3	3		
	0	-	-	-	-	-	-	-	-	3	2	2	1		
1012	0	-	-	-	-	-	-	-	-	-	-	-	-		
	1	5	-	✓	✓	✓	-	-	-	3	3	3	1		
	0	-	-	-	-	-	-	-	-	3	2	2	2		
3011	0	-	-	-	-	-	-	-	-	2	-	2	-		
	1	5	-	✓	✓	✓	-	-	-	3	3	3	1		
	0	-	-	-	-	-	-	-	-	3	2	2	2		
6001	0	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	0	-	-	-	-	-	-	-	-	3	2	2	2		
1001										2	-	2	-		
										-	-	-	-		

UNIT: difficult? / tested?

CRITICAL: importance / danger to person or equipment importance

METHOD OF TEACHING: lecture / hands-on demonstration / self-paced

METHOD OF TESTING: written / oral / performance

ELS: writing / reading / speaking / listening

DATA: COMPILED DATA

63

62

(6)

	[illegible]	[illegible]	OF TEACHING	OF TESTING	ELS	DATA		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	COMPILED DATA
	[illegible] difficult? tested?	[illegible] importance	[illegible] lecture	self-paced hands-on written oral performance	writing reading speaking listening	soldiers P.O.I. MILPERCEN Regs:		difficult? tested?	[illegible] importance	[illegible]	[illegible]	[illegible]	[illegible]	
113-594-2001	0 11 0	5	✓✓✓		3 2 2 2		DATA OBTAINED FROM: MCS:	2 2	5 5	✓✓✓ ✓✓✓	✓ ✓✓✓	3 2 2 2		
1013	0 11 0	5	✓✓✓		3 2 2 2			2	5	✓✓✓	✓✓✓	3 2 2 2		
3001	0 11 0	5	✓✓✓		3 2 2 2			2	5	✓✓✓	✓✓✓	3 2 2 2		
1002	0 0						TRAINING SPECIALIST: NUMBER OF RESPONSES:	2	5	✓✓✓	✓✓✓	3 2 2 2		
2002	0 0							2	5	✓✓✓	✓✓✓	3 2 2 2		
3002	0 0							2	5	✓✓✓	✓✓✓	3 2 2 2		
1014	0 0							2	5	✓✓✓	✓✓✓	3 2 2 2		

64

63

2)

| | | |

(8)

DATA OBTAINED FROM: _____ MOS: _____

TRAINING SPECIALIST: _____ NUMBER OF RESPONSES: _____

	TEST	DIFFICULTY	IMPORTANCE	TEACHING: danger to equipment/person	TEACHING: lecture	TEACHING: demonstration	TEACHING: hands-on	TEACHING: self-paced	TESTING: performance	TESTING: oral	TESTING: written	ELS: listening	ELS: speaking	ELS: reading	ELS: writing	DATA: soldiers P.O.I. MILPERCEN Regs:	UNIT: tested?	UNIT: difficult?	CRITICAL: person or equipment	CRITICAL: danger to person	TEACHING: lecture	TEACHING: demonstration	TEACHING: hands-on	TEACHING: self-paced	TESTING: performance	TESTING: oral	TESTING: written	listening	speaking	reading	writing	COMPILED DATA
113-571-1001 (with 113-572 8001-2)																	2	-	-	5								3	-	-	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	3	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
113-587-1001																	2	-	-	5								-	3	-	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
2001																	2	-	-	5			-	-	-	-	-	-	-	3	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
3001																	-	-	-	-			-	-	-	-	-	-	-	-	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
1005																	-	-	-	-			-	-	-	-	-	-	-	-	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-																
2005																	-	-	-	-			-	-	-	-	-	-	-	-	-	
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	-	-	5						-	-	3	2	2	2	
	0	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-																
3002																	-	-	-	-			-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-		2	5	5	5			-	-	-	-	-	3	3	3	1	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-					5						-	-	3	2	2	2	

65

65

| | | | TEACHING | | | TESTING | | |

(10)

	TASK: difficult?	TASK: tested?	CRITICAL: importance	CRITICAL: danger to person/equipment	OF TEACHING: lecture	OF TEACHING: demonstration	OF TEACHING: hands-on	OF TEACHING: self-paced	OF TESTING: performance	OF TESTING: oral	OF TESTING: written	ELS: listening	ELS: speaking	ELS: reading	ELS: writing	DATA: soldiers P.O.I. MILPERCEN Regs:		UNIT: tested?	UNIT: difficult?	CRITICAL: importance	CRITICAL: danger to person or equipment	OF TEACHING: lecture	OF TEACHING: demonstration	OF TEACHING: hands-on	OF TESTING: self-paced	OF TESTING: performance	OF TESTING: oral	OF TESTING: written	ELS: listening	ELS: speaking	ELS: reading	ELS: writing	COMPILED DATA
113-600-	10		5		✓	✓	✓		✓			3	2	2	2		DATA OBTAINED FROM: MOS:																
2002	0																		2		5		✓	✓	✓	✓		3	2	2	2	
	0																																
3002	10		5		✓	✓	✓		✓			3	2	2	2											✓	✓	3	2	2	2	
	0																		2		5		✓	✓	✓	✓						
	0																																
071-329-	10		5		✓	✓	✓		✓			3	2	2	2				2		5		✓	✓			✓	3		3		
1006	0																										✓					
	0																		2		5		✓	✓	✓		✓	3	2	2	2	
113-587-																	TRAINING SPECIALIST: NUMBER OF LESSONS:															
7002	0																		2		5		5	5			✓	3	3	3	1	
																			2				✓	✓	✓		✓	3	2	2	2	
	0																																
7003																																	
	0																		2		0		5	5			✓	3	3	3	1	
																			2				✓	✓	✓		✓	3	2	2	2	
	0																																
113-588-																																	
6001	0																		2		0		5	5			✓	3	3	3	1	
																			2				✓	✓	✓		✓	3	2	2	2	
	0																																
6002																																	
	0																		2		0		5	5			✓	3	3	3	1	
																			2				✓	✓	✓		✓	3	2	2	2	
	0																																

67

(11)

	TASK	CRITICALITY		METHOD OF TEACHING	METHOD OF TESTING	ELS	DATA		UNIT	CRITICALITY	METHOD OF TEACHING	METHOD OF TESTING	ELS	ATT/OBJ
	difficult? tested? taught?	importance	danger to person/equipment	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	soldiers P.O.I. MILPERCEN Regs:		difficult? tested?	importance	danger to person or equipment	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	COMPILED DATA
113-588-6003	--	--	--	--	--	--		MOS:	2 -	1 5	✓	✓ -	✓ -	2 1 2 -
	0 --	--	--	--	--	--			- -	- -	-	- -	- -	- - - -
	--	--	--	--	--	--			1 -	- 5	✓	✓ -	✓ -	3 2 2 ✓
	0 --	--	--	--	--	--			2 -					
113-594-7002	--	--	--	--	--	--		DATA OBTAINED FROM:	--	--	--	--	--	--
	0 --	--	--	--	--	--			--	--	--	--	--	--
	--	--	--	--	--	--			2 -	- 5	✓	✓ -	✓ -	3 2 2 2
	0 --	--	--	--	--	--	✓							
7005	--	--	--	--	--	--			--	--	--	--	--	--
	0 --	--	--	--	--	--			--	--	--	--	--	--
	--	--	--	--	--	--			2 -	- 5	✓	✓ -	✓ -	3 2 2 2
	0 --	--	--	--	--	--								
7007	--	--	--	--	--	--			--	--	--	--	--	--
	0 --	--	--	--	--	3 2 2 2	✓		--	--	--	--	--	--
	10 -	- 5	✓ ✓ ✓ -	--	--				2 -	- 5	✓	✓ -	✓ -	3 2 2 2
	0 --	--	--	--	--	--								
7008	--	--	--	--	--	--		TRAINING SPECIALIST:	2 1	- 5	✓ -	✓ -	- ✓ -	- - 3 -
	0 --	--	--	--	--	3 2 2 2			2 0	5 5	- -	✓ -	✓ -	3 3 3 1
	10 -	- 5	✓ - - -	--	--				2 -	- 5	✓	✓ -	✓ -	3 3 3 2
	0 --	--	--	--	--	--								
7009	--	--	--	--	--	--			2 -	- 5	-	✓ -	--	- - 3 -
	0 --	--	--	--	--	--			2 0	5 5	- -	✓ -	✓ -	3 3 3 1
	0 --	- 5	✓ - - -	--	--	3 2 2 2			2 -	- 5	✓	✓ -	✓ -	3 2 2 2
	0 --	--	--	--	--	--								
7010	--	--	--	--	--	--			--	--	--	--	--	--
	0 --	--	--	--	--	--			--	--	--	--	--	--
	0 --	- 5	✓ - - -	--	--	--	✓		2 -	- 5	✓	✓ -	✓ -	3 2 2 2

68

(12)

DATA OBTAINED FROM: _____ MCS: _____

NUMBER OF RESPONSES: _____ TRAINING SPECIALIST: _____

| | | |

	COMPILE DATA								70
	writing reading speaking listening	1 3 3 1 1 3 2 1							
TESTING	written oral performance	1 1 1 1 1 1							
TEACHING	self-paced hands-on demonstration lecture	1 1 1 1 1 1 1 1 1							
CRITICAL	danger to person or equipment importance	1 1 5 1							
UNIT	difficult? tested?	1 5 1 2 1							
		MOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____							
DATA	soldiers P.O.I. MILPERCEN Regs:								
ELS	writing reading speaking listening	1 1 1 1 1 1 1 1							
TESTING	written oral performance	1 1 1 1 1 1 1 1							
TEACHING	self-paced hands-on demonstration lecture	1 1 1 1 1 1 1 1 1 1 1 1							
CRITICAL	danger to equipment/person importance	1 1 1 1 1 1 1 1							
UNIT	difficult? tested? taught?	1 1 1 1 1 0 1 0 1 1 1 1							
		113-615 7003							

(13)

70

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains computations made to arrive at the Percentages of listening, speaking, reading and writing involved in each cluster.

*some clusters have two sets of computations; this is because some Task Prioritization Forms were received after original computations and had to be added on.

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondents per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
CAMOUFLAGE	2 x 5 x 5 = 50 6 4 4 2 5 21 50√21	2 x 2 x 5 = 20 2 5 7 20√7	2 x 3 x 5 = 25 2 4 4 10 25√10	2 x 4 x 5 = 40 4 2 4 4 14 40√14
TOTAL	42%	35%	40%	35%
M16A1 RIFLE	4 x 5 x 5 = 100 12 8 9 12 12 53 100√53	4 x 2 x 5 = 40 7 7 14 40√14	4 x 3 x 5 = 60 5 5 8 18 60√18	4 x 4 x 5 = 80 8 5 5 5 23 80√23
TOTAL	53%	35%	30%	29%
Physical Fitness	1 x 5 x 3 = 15 1 1 0 1 1 4 15√4	1 x 2 x 3 = 6 1 0 1 6√1	1 x 3 x 3 = 9 1 0 0 1 9√1	1 x 4 x 3 = 12 1 1 0 0 2 12√2
TOTAL	27%	17%	11%	17%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondants per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
First Aid	5 x 5 x 5 = 125 10 8 9 10 10 47 125√47	5 x 2 x 5 = 50 5 8 13 50√13	5 x 3 x 5 = 75 0 7 10 17 75√17	5 x 4 x 5 = 100 8 0 7 7 22 100√22
TOTAL	38%	26%	23%	22%
NUCLEAR, BIOLOGICAL AND CHEMICAL	3 x 5 x 5 = 75 5 4 5 6 8 28 75√28	3 x 2 x 5 = 30 3 6 9 30√9	3 x 3 x 5 = 45 2 7 9 45√9	3 x 4 x 5 = 60 4 2 4 7 17 60√17
TOTAL	37%	30%	20%	28%
SECURITY AND INTELLIGENCE	2 x 5 x 5 = 50 3 5 3 3 6 20 50√20	2 x 2 x 5 = 20 4 3 7 20√7	2 x 3 x 5 = 30 2 2 5 9 30√9	2 x 4 x 5 = 40 5 2 2 3 12 40√12
TOTAL	40%	35%	30%	30%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondents per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
MAP READING	1 x 5 x 5 = 25 3 3 2 2 3 13 25√13	1 x 2 x 5 = 10 0 2 2 10√2	1 x 3 x 5 = 15 0 2 3 5 15√5	1 x 4 x 5 = 20 3 0 2 2 7 20√7
TOTAL	52%	20%	33%	35%
RADIO PROCEDURE	3 x 5 x 5 = 75 7 4 5 4 7 27 75√27	3 x 2 x 5 = 30 1 7 8 30√8	3 x 3 x 5 = 45 0 6 6 12 45√12	3 x 4 x 5 = 60 4 0 6 6 16 60√16
TOTAL	36%	27%	27%	27%
PREPARE DA FORM 2404	2 x 5 x 5 = 50 4 4 3 2 4 17 50√17	2 x 2 x 5 = 20 1 4 5 20√5	2 x 3 x 5 = 30 0 2 3 5 30√5	2 x 4 x 5 = 40 4 0 2 3 9 40√9
TOTAL	34%	25%	17%	23%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondents per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
REEL Unit	9 x 5 x 6 = 270 14 14 12 11 16 67 270/67	9 x 2 x 6 = 108 8 15 23 108/23	9 x 3 x 6 = 162 0 6 15 21 162/21	9 x 4 x 6 = 216 14 12 6 14 46 216/46
TOTAL	25%	21%	13%	21%
FIELD WIRE	8 x 5 x 5 = 200 15 15 19 19 20 88 200/88	8 x 2 x 5 = 80 9 16 25 80/25	8 x 3 x 5 = 120 2 5 19 26 120/26	8 x 4 x 5 = 160 15 2 5 12 34 160/34
TOTAL	44%	31%	22%	21%
Tactical Switchboard SB 22/PT SB 22A/PT	8 x 5 x 6 = 240 22 18 22 16 23 101 240/101	8 x 2 x 6 = 96 1 21 22 96/22	8 x 3 x 6 = 144 0 9 24 33 144/33	8 x 4 x 6 = 192 18 9 9 19 46 192/46
TOTAL	42%	23%	23%	24%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondents per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
Tactical Switchboard SB-86/P	7x5x5 = 175 13 14 14 9 14 64 175√64	7x2x5 = 70 0 12 12 70√12	7x3x5 = 105 0 7 14 21 105√21	7x4x5 = 140 14 0 7 12 33 140√33
TOTAL	37%	17%	20%	24%
Tactical Switchboard S.B- 3082(V)/GT	7x5x3 = 105 7 7 7 7 7 35 105√35	7x2x3 = 42 0 7 7 42√7	7x3x3 = 63 0 7 7 14 63√14	7x4x3 = 84 7 0 7 7 21 84√21
	33%	17%	22%	25%
TELEPHONE SET TA- 312/PT	4x5x6 = 120 8 10 12 10 13 53 120√53	4x2x6 = 48 5 12 17 48√17	4x3x6 = 72 4 1 9 14 72√14	4x4x6 = 96 10 4 1 11 26 96√26
TOTAL	44%	35%	19%	27%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondents per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
TELEPHONE SET TA-341/TT TA-341A/TT	5x5x4 = 100 8 8 8 8 8 40 100√40	5x2x4 = 40 0 8 8 40√8	5x3x4 = 60 0 5 8 13 60√13	5x4x4 = 80 8 0 8 8 24 80√24
TOTAL	40%	20%	22%	30%
RADIO SET AN/PRC-77	3x5x5 = 75 5 3 7 7 6 28 75√28	3x2x5 = 30 1 7 8 30√8	3x3x5 = 45 1 6 7 14 45√14	3x4x5 = 60 3 1 6 6 16 60√16
TOTAL	37%	27%	31%	27%
RADIO SET AN/VRC-49	6x5x4 = 120 7 6 12 11 12 48	6x2x4 = 48 3 14 17	6x3x4 = 72 0 9 12 21	6x4x4 = 96 6 0 9 12 27
TOTAL	40%	35%	29%	28%

PERCENTAGE LANGUAGE SKILLS
MOS 36K

# of tasks in cluster x's variables x's # of totals respondants per cluster = total %

FORMULA	LISTENING	SPEAKING	READING	WRITING
	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 - 100%	4 = 100%
Develop Line Route Map	1 x 5 x 5 = 25 2 2 3 3 3 13 $25\sqrt{13}$	1 x 2 x 5 = 10 0 3 3 $10\sqrt{3}$	1 x 3 x 5 = 15 1 3 2 6 $15\sqrt{6}$	1 x 4 x 5 = 20 2 1 3 2 8 $20\sqrt{8}$
TOTAL	52%	30%	40%	40%
Radio Wire Integration System (RWI)	4 x 5 x 4 = 80 8 6 8 8 8 38	4 x 2 x 4 = 32 0 8 8	4 x 3 x 4 = 48 0 5 8 13	4 x 4 x 4 = 64 6 [illegible] 5 8 19
TOTAL	48%	25%	27%	30%

APPENDIX 4

This appendix contains the Observation Forms. These forms were taken to the actual training sites. Here, observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in MOS 36K.

MOS OBSERVATION FORM

MOS 36K LOCATION FT Gordon, GA

TASK # _____ PERSON RECORDING _____

SUBJECT _____

INSTRUCTION

Physical Environment COMMENTS

✓ 1. Classroom

✓ 2. Open Areas (live fire field, make-up terrain)

___ 3. Large enclosed area (bleacher sites, warehouse size)

___ 4. Other (comments)

Instructional Ratio

✓ 1. Instruct or one-to-one/class

✓ 2. Peer/one-to-one

___ 3. Group or Committee group[1]

___ 4. Small (12 or less)

✓ 5. Other (comments) TEAM

MODES OF INSTRUCTION COMMENTS

✓ 1. Films

___ 2. Video cassettes

✓ 3. Graphic training aids (diagrams, etc.,)

✓ 4. Illustrations a) requiring reading
b) not requiring reading

✓ 5. Maps

___ 6. Mock-ups

___ 7. Models/Simulated

✓ 8. Real equipment

✓ 9. Transparencies

A 4-2-36K

[1]Group of instructors of whom one teaches one portion of the whole

80

___10. Tape cassettes

✓ 11. Training publications: a) required
b) available

___12. Signs/notices

___13. P.A. System

✓ 14. Normal Voice

✓ 15. Soldier's Manual

✓ 16. Chalkboard

___17. Other (comments)

SELF-PACED MATERIAL

TELEPHONE

SWITCHBOARD.

MODES OF RESPONSE	COMMENTS
✓ 1. Manipulate equipment	
✓ 2. Performance	
✓ 3. Answers (spoken-written)	
✓ 4. Signals	
___ 5. Taking notes	
✓ 6. Teamwork	
___ 7. Other (comments)	

STYLES OF COMMUNICATION[2]	COMMENTS
✓ 1. Formal Speech	
✓ 2. Informal Speech	
✓ 3. Regional/ethnic	
___4. Body language	
___5. Profanity	
___6. Shop talk/slang	
✓ 7. Non-standard English	
___8. Other (comments)	

A 4-3-36K

[2]Instruction, verbal orders

APPENDIX 5

STRUCTURAL/LEXICAL LIST

This is the final list of structural and lexical items, grammatically named for MOS 36K.
(For discussion, see SectionII)

STRUCTURAL ITEMS

SENTENCES TYPES

1. SIMPLE: One subject and one predicate

   PATTERNS:

   1. Subject and action verb - damage results.

   2. Subject and action verb and direct/indirect object
      Many things cause burns.

   3. Subject and linking verb and subjective complement
      This is very important.

2. COMPOUND: Two or more sentences joined by:

   1. Coordinating conjunction

      Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

   2. Conjunctive adverb

      Do not start or stop the vehicle while the radio is on or you may damage the set.

   3. Semicolon

      A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

3. COMPLEX: One or more dependent clauses

   1. Adjectival (functions as an adjective by modifying nouns and pronouns)

      At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

   2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs). When the connections are established, (you) operate the conference link switch to normal position.

   3. Noun (functions as a noun). (You) check and service only those items, that can be checked and serviced.

SENTENCE TYPES

INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

DECLARATIVE- Dust and dirt forced into jacks will cause malfunctions.

EXCLAMATORY- * Not found in this MOS.

IMPERATIVE

(requests, commands, second person (singular/plural), negative/affirmative), First and second person (let's)

ELLIPSIS:

Split the bracket until fire for effect is possible. *most common type of ellipsis--subject deleted.

FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES*

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON - * Not found in this MOS.

4. RESULT - * Not found in this MOS.

5. MANNER - Place full nomenclature and model of equipment as it appears on the front cover.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.
Split the bracket until fire for effect is possible.

7. PLACE- Do not use compressed air to dry parts where cleaning compound has been applied.*

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE- * Not found in this MOS.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

3. INFINITIVE

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

* Ambiguous sentence- can be adjectival or adverbial clause (non-standard)

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.
--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.
--If the soldier is bresthing, mouth-to-mouth resuscitation is not necessary.
--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.
--Have someone walk the FDL and determine dead space.
--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected/third) person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive - The switchboard weighs approximately 280 pounds.

transitive - Performance measure requires a team of two.

linking- Supervision and assistance are available.

3. VOICE

active

recognize	appear	has
protect	seek	must be
is facing	secure	wipe
pop. contain	wear	rinse
explode	mask	put brush
sounds	stored	empty
points out	do require	reassemble
seen	could affect	reinstall
		remove

passive

given	are alerted	are authorized
is protected	are reported	be corrected
is sprayed	have been corrected	

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice

modal+negative+passive

4. MODALS

You must demonstrate, once every 6 months, that you can meet or extend the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILLIARIES

(do, does, negative)
Do not zero in under 100 meters.
If the round does not fall within 5 meters of target, zeroing procedures are called for.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE, Service + able, Avail + able, Detect + able

2. COMPARATIVES
Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES
The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE
Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE
(nouns and apostrophe)
Shake the soldier's shoulder and shout, "Are you OK.?".

3. SUBJECTIVE
This will give you correct nomenclature.

4. OBJECTIVE
It will also give you the correct functioning.

5. REFLEXIVE
Keep yourself clear of the muzzle.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES- Do not attempt to move it alone.

ADVERBS +

1. SUPERLATIVE
When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE
The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY
Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER- Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE
The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB- * Not found in this MOS.
(particles)

*Negatives
Prepositions
Articles

Pre-BT--not included because of Section II in this document

APPENDIX 6

VOCABULARY (in-house)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary. The final list is alphabetized for the entire MOS.

36K Tactical wire operations specialist
(task and figure vocabulary)

GE

about
above
accept
accidently
according to
across
advise
after
again
against
air
all
allow
alone
along
also
always
another
answer
any
appear
apply
approximately
area
around
arrive
article
as
as above
as an
as appears
as close as posible
ask
ask for number
as shown in
assemble
as soon as
as such
as written

at
at least
at points
attack
attempt
at the end
at the rear of
avoid

Tech

abbreviation
AC
accessary
accessary bag
according to diagram
accuracy
ACP-125(D)
ACP-134(A)
AC SUPR
actual
actual route
adequate
adequate ventilation
adjust
adjustment
aerial
aerial road crossing
air vent
alarm
alarm switch

aline
alphabet
amber
amber busy lamp light
angle
AN/GRA-39
AN/PRC-77
answer-and-extend call
answer cord
ANT
ANT CONT receptacle
antenna
antenna element
antenna matching unit
antenna section
antenna tie down
antenna tip cap
AN/VRC-46
AN/VRC-49 (radio set)
appendix
applicable
appropriate
appropriate disconnect procedure
appropriate symbol
Army Correspondence Course
Army Maintenance Management System
arrester
artificial
artificial busy condition
AS-1729/VRC
as base for
as listed below
as outlined
assembly
assign

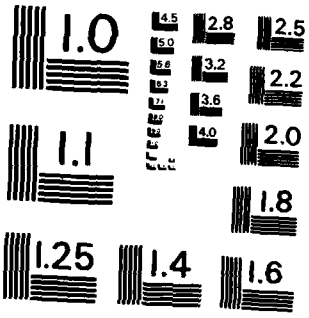
Tech

assign frequency
assistance
as stated
AT-912/VRC
AUD
audible
audible alarm
audio
audio accessory
audio connector
authorized
auto
automatic
automatic ringing circuit
auto-mode
auto-mode incoming seizure
auto-mode operation
auto-mode operational procedure
available

AD-A121 062 JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR [illegible]
OPERATIONS SPECIALIST(U) DEFENSE LANGUAGE INST LACKLAND
AFB TX ENGLISH LANGUAGE CENTER OCT 82

UNCLASSIFIED F/G 5/9 NL

END
DATE
FILMED
12 82
DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GE

back
back to
bag
bare
be certain
before
behind
being checked
being used
below
belt
beneath
be sure
be sure to
between
be very careful
beyond
black
body
both
both sides
bottom
box
break
breathing
bridge
broken
bury
busy
button
by
by placing

Tech

BA-42
BA-4386/U
bask plate
band
band
band switch
bank
bare
bared conductor
bare ground
barely
barely delectable
bare surface
base
base plate
base radio set
base wire
basic
basic manual
basic terrain
basic terrain feature
battery
battery (BA-30)
battery box
battery case
battery cell
batteryclamp hold
battery compartment
battery conector
BATT-EXT-INT switch
BB-249/U
belt strap
bending
bent
binding
bindingpost
binding post spring
block (n)
blower
blower motor
BNC antenna cable receptacle
bolt(n)
brace(n)
branch off
broken
busy lamp
busy line
buss (n)
busser
buried buried crossing
burst (n)
burst of ringing
by radio

GE

call(n)
call(v)
calling(adj)
cannot
careful
carefully
carry
case
course (v)
caution
ceiling
center
certain
change(n)
change(v)
chapter (chap)
check(n)
check(v)
check to see
civilian
clean(adj)
clean(v)
cleaning(adj)
clear (adj)
clear(v)
closed(v)
cloth
color
colored
come
come loose
comfortable
compass
complete
compressed
concrete
concrete bridge
conduct(n)
connect
contact
control(n)
control(adj)
convert(v)
conversation
corner(n)
correct(adj)
correct (V)
correctly
cover(v)
cover (n)
critical
crossing (n)
cut

Tech

C-2299 (VRC)
cable
cable assembly
cable connector
cable insulation
cable line
cable lug
call back
care lamp
call plug
call sign
call sign
called party
calling card
calling party
casloe
canvas
canvas bag
canvas cover
canvas roll
cap
captive screw
careful examination
carrying case
cause(v)
CB operation
CBS operation
cell
center
CEOI(communications
electronics operation instructions
CG-1773U-radio frequency (RF-cable
assembly radio
chain
challenge
change direction
change- number
channel
channel dial
channel window
check fuses for correct value
checklist
check publication for update
chestset
chipped
chipped point
circuit
circuit cord assembly
circuit plan
circuit test
civilian trunk
clamp
clean dry cloth
cleaning cloth
cleaning compound
cleaning compound fumes
cleanliness
clearing
cleaning of circuit
clear the circuit

Tech (cont)

criteria
critical point
crossing
CX-W723 (interconnecting cable)
CX-W722/VRC (central cable)

Tech-

clear water
clip
clove
clove hitch tie
coat(v)
code
coded message
coding
color coding
colored cable wire
color rating
combat
combat belt
combat harness
comfortable fit
come in contact with
command post
common
common battery line
common battery trunk
common to both
communication
communication center
communication line
compartment
completeness
completions
completion report
component
compound
compound
compressed air
condition
conductor
conference
conference call
conference line
confirm
CONF position
CONF-SUPV-TRK-SEC
connection
connectors
connector block
connect-position
copper
copper strand
construction
contact(n)
control(n)
control-cable assembly
control group
cord
cord plug
cordcircuit switch
cordless
corner
corroded
corrosion
cover assembly
crack(n)
crack(v)
[illegible]

DE

daily
damage
damaging
dangerous
date
dated(dtd)
day
deep
depend on
desire(n)
desire(v)
desired
desk
difficult
dig
direct (adj)
direction
dirt
dirty
distant
disturb
do not
door
down
draw
draw a line
drive (it) into
driven
drop
dry
due to
during
duty

Tech

DA form 2151 2 (message center log)
DA form 2404 (Equipment Inspect. and maintenance worksheet)
DA form 2405
DA form 4011 (telecommunication. center delivery list)
DA Label 132
DA TM
date
DC
DD form 173 (joint message form)
decal
defective
degree
delay
deleting screen
delivery
delivery list
densely
densely foliated terrain
depleted
depress
depressed
designate
designated station
designated ship
designation
desired number
detectable
determine
develop
device
diagram
dial
digit
digit by digit
digit keys
digit selection tone
direct (v)
despatch
despatch message
distant station
DD-6 with UD-1/TT
DDG (place date time group)
during reception
during transmission
duty

E

each
each side
ears
earth
easier(s)
either
electrical
element
end
enough
enter
environment
equipment
error
establish
etc
examination
example
except
experience
eyes

Exh

Earth GND
EEMS (Equipment Inspection
and maintenance workshest)
electrical connector
electrical contact
electrical tape
embedded
embedded wiring
embedding
emergency
emergency operation
empty
endanger
endangered
end use
enter (enter in)
enter full nomenclature
enter make set
equipment inspection
equipment numbers
ESS (equipment serviceability
criteria)
ESS test
establish
establish communication
evaluate
event
event multiplex
executive
exhaustor
existing
existing cell
expose
exposure
EXT
extract
extract punted
extending (n)
extending of cable
extension
extension telephone
extension number
external
EXT-OUT
extraction

[illegible]

[illegible]

[illegible]

[redacted]

[redacted]

[redacted]

[illegible]

[illegible]

/Dr/

Engineer's

Hot free cloth
Holes for signal
LTTD-DDT <A-D> lock
lead
Hull output cell
hull line
hole holding area
holding device
hole
hole
hole
hole connection
hook-bar control
hole
hole

M

machine
main
maintenance
make
make certain
make sure
manual
map
mark (v)
material
meter
may be
mechanical
met
metal
mile
minute(s)
miscue
more than
move
movement

Term

magneto
magneto trunk
main route
maintenance verbatest
malfunction
management
magnetos
magneton battery
manpack
manpack operation
manual (adj)
manual(n)
manual-auto
manual-auto operation
manual number
manual ringing
manual telephone entrehment
map coordinates
map orientation
marking(n)
margin
marginal
marginal information data
marking
marking tape
marketing
marketing unit
material
matrix
matrix
matrix range
MB
MB tuning control
measing
mechanical change
message
metal tower
microphone
MIG
mid range
mode
model (n)
model of equipment
mode selector switch
moisture
monitor
monitor(v)
monitor network
monitor-receive
mount (n)
mount (v)
mounting (n)
mounting density
mounting plate
MS-MS/VHF
multiple
MS-MSR
MS-MSR/VHF

name
near
neat
negative
new
next
next to
night
no
noise
note(n)
note(v)
notify
not in use
now
number

object(n)
observe
obtain
off
off the hook
off the side
once
on duty
one at a time
one of
one or more
on the side
only
onto
on top
on top of
open
operate
other
out
outer
out of
outside
over

name plate
navigate
navigate using a map
NBC situation
near open flame
neat roll
negative terminal
net
neutral
night alarm
night alarm buzzer
night alarm volume
nomenclature
nonretaining
nonretaining position
nontactical
normal
normal digit sidetone
normally
normal operations
normal position
normal speech sidetone
notification
numeral

objective
off
ohm
ohm resistor
on
on a frequency
on site
on the mount
open circuit
open flame
operation
operational
operational test
operator
operator's head set
operator's core
operator's jack
operator's manual
operator's plug
operator's preventive mainter
operator's set
operator's telephone set
opposite
oral
orainessage
orient(v)
orientation
organization
organizational
organizational control number
originator
"O" ring
overhead

Tech

wverlay paper
outgoing
outgoing call
outline
outlined below

GE

page
painful
pair
paper
paragraph (para)
part (n)
part of
parts of the body
pass
pass on
pause (v)
pencil
perform
performance
period (time)
permit
person
phone
piece
pin (n)
place (n)
place (v)
place on (write)
plate
plan (n)
point (n)
point (v)
pale
position (n)
possible
past (n)
pound (n)
power
prepare
present (adj)
press (v)
press down
press on
prevent
proceed
produce
proper
properly
protect
protect from
protection
provide
pull
pull out
purpose
push
push back
push in
put back

Tech

pack (n)
point (n)
panel
parrallel
party (person)
passage
paying out
payroll
payroll signiture
performance measure
personnel
pertinent
phonetic
phonetically
phonetically spell
phonetic alphabet
pigtail
plant (n)
plant records
plate
plastic
plastic body
plot (v)
plot on map
plug
plug seat
Pino A+C (Key circuit)
POINT-TO-POINT mode
POINT- TO-POINT operation
POINT-TO-POINT position
polarity
police(v)
policing (n)
poncho
position (v)
positive
~~poncho~~
position(v)
positive
positive terminal
power
power cable
power cord
power line
power source
power switch
predetermined
predetermined objective
PRE-EMPT
PRE-EMPT
switch
preinstallation
preliminary operating procedure
preparation
preoperational
preoperational check
preoperational test
preoperation procedure
prescribe
prescribed route
preset

Tech

present position
preventive
  preventive maintenance
PRI
PRI lamp
priority
primary
primary preset
probable
probable future location
procedure
process (n)
process (v)
process outgoing message
prominent
prominent object
pronunciation
protecting cover
proword
publish
pull straight out of

CE

radio
railroad
railroad track
raise
rank
rapidly
rating
ready
rear(adj)
rear(n)
rear door
reason(n)
record(n)
record(v)
receive
recommend
red
refer to
release
remainder
remove
remove from
remove from wall
repair
repeat
repeat steps
replace
report (n)
report (v)
require
reset
response
rest (v)
return
right (n)
right-hand
ring (n)
ring (v)
ring back
ringing (n)
road
road crossing
rod
roll (n)
room
route (n)
rubber
run
run(n) wires

Tech

radio call
radio link jack
radio message
radio net
radio procedure
radio receptacle
radio repair personnel
radio set
raise into position
range
RCROTG 102JM(IK) resistor
react
readjust
rear component
rear cover
recall (adj)
recall(v)
recall procedure
receive-pair wires
receiver
receiver-transmitter
receiving station
receptacle
reception
recognaize
recover
recommend
reel
reeling
reeling machine
reference
registration
registration/service/FSN
reinstall
remote
remote control unit
repeater
replacement
requirement
resting in
resistor
restore
retain
retainer
retaining
retaining cradle
retaining plate
retaining rings
retaining strap
retraction
retrane
retransmission
RETRANSMIT- R/W
RF-radio frequency
right-hand corner
ring(n)
ring(v)
RING-BACK position

Tech

RING-BACK-PWR-RING FWD switch
ringer
ringer button
RINGER VOLUME CONTROL
RING FWD position
ringing(n)
ringing level
ringing switch
ringing test
ring off
RL-31-E
RL-31-F
RL-172G/ motor driven
RL-159/U
rotate route (v)
rubber potector
rushing
rushing noise
rust (n)
RWI call
RWI (radio/wire integration)

CE

safety
same
same as
scale (n)
screw (n)
screw(v)
seat (v)
second
section
secure(v)
see select
selection
send
serious
serious damage
service(n)
set (n)
set (v)
set up
several
sharp
short
should
should be
should be left
shoulder
show
side
sign
signal(n)
signal (v)
signature
site
skin
small
smoth
so that
sound(n)
sound(v)
spare (adj)
speak
speaker
speak into
special
special purpose
speech
spell
spill
spring (n)
square
stand (n)
stand(v)
standby
stand by
start
station
stop (n)
stop(v)
stopping

Tech

safety wire
salvaged
salvaged canvas
sample
sample message
sample transmission
sandpaper
SB-86/P (manual telephone switchboard
SB-22A/PT
SB-22/PT
SB-30BE(v)1 C/T
scraping
scrap cut
screen
secure(v)
lecure clips with screws
secure handset
secure in place
securing (n)
security
seize
seize splice
seizure
selector
selector
switch
selector
switch setting
send pair wires
sequence
serial
series
service (v)
serviceability
setting (n)
setting-up
sharp point
shattered
shelf
sheltered
sheltered conditions
sheltered half
shipping (n)
shock(v)
short antenna
shoulder strap
shovel
shutdown
shutdown position
side plate
sidetone
sidetone level
signal(n)
signal(v)
silent
silent alarm
site
situated

110

—

stave(v)
staved
straight
submit
such
such as
suitable
supervise
supervise

Item con't

surface (n)
surface wire line
supported
supported busy lamp
suspling
swing (v)
switch (n)
switch(v)
switchboard
switchboard case
switchboard group
switch in
switching (adj)
system

Item

situation
slack
slide into
slot (n)
slotted
slotted gasket
socket
solder
solidly
sound level
source
spare parts
speak into microphone
speaker switch
specific
specific code group
splice (n)
splice(v)
split
spot point
spring section
spokes
square knot
square lugs
squelch
SQUELCH cyp
SQUELCH on
squelch operation
stagger
stake(n)
standby position
standard
standing upright
starting procedure
state (n)
station card
steel
steel strand
stopping procedure
storage
storage battery
storage compartment
storing
straight edge
straight out
strand
strap(n)
strap(n)
strip
stripped
stripped conductor
submit
subscriber
subscriber notification
subscriber notification prc
subscriber's card
subscriber's jack
supervision
supervisory line signal
support (n)
SUV

[illegible]

[illegible]
[illegible]
[illegible] (n)
[illegible] (v)
[illegible]
[illegible]
[illegible] end-of
[illegible] of two
telephone
telephone number
[illegible]
[illegible]
[illegible] (n)
[illegible] (v)
[illegible] line
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] make an
[illegible]
[illegible]
[illegible]
[illegible]-wire
[illegible] (wire)
[illegible] (n)
[illegible] (v)
[illegible] down
[illegible] together
tight
tighten
tighten securely
tightly
time (n)
to
together
too
tone
to or from
top (adj)
top (n)
to the back of
touch
toward
train(v)
training
true
trouble (n)
turn(n)
turn(v)
turn off
turn on
turn over
turn to OFF
two
two-wire

[illegible]

TD-125/TT (terminal box)
TD-312 TT (telephone set)
TD-314/TT (telephone set)
TD-314/TT
terminal
[illegible] (n)
[illegible] (v)
[illegible]
[illegible] LEFT key
[illegible] LEFT switch
[illegible] position
[illegible] (army automatic
management system)
test standard
TS-33 (hand test set)
technique
telecommunications
telephone set
terminal(s)
terminal box
terminal end
terminal equipment
terminal point
terminal station
terminals G and H
terminals H and Y
terminate
terminal
test station
three -wire power cord
tie cord
tie-down assembly
tip (n)
tip cap
title
TM 101 c
TM-11-[illegible]-730
TM-11-[illegible]
TM-11-[illegible]
TM-11-[illegible]-607-10
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-[illegible]-12
TM-11-[illegible]-607-12
TM-10[illegible]-terminal strips
tone
tool kit
topographic
topographic map
top of table
table
turn (n)
turn (v)
transfer
transmission
transmission test

Term

Unmanned/ship station
Unsingeo
Unsnap
Unsolicited/hand-cleaning compound
Unstickshock
Unsub
Unsub call
Unsub circuit
Unsub designation
Unsub pad
Unsub-type latch
Unto to
Uno-foot intervals
Unzoom
Up -wire power cord
Upkeep condition
Upo (s)
Upload

subscriber telephone (LB operation)	all after
interconnections and switch positions	all before
field wire	authentic
S-22/TT line binding posts (rear)	communication to
jumper wires	break
Pin A	connection
Pin C	groups
S-182/U	I authenticate
S-229/U	I say again
remote control 0-2303/GRA-39	I spell
radio	message
line	more to follow
TBX	out
TBS	over
RAD/SPKR	radio check
field wire	roger
1-mile cam	say again
local control 0-2303/GRA-39	this is
handset H 138/U	this
handset H 188/GR	wait
Control Cable P/O 0-2303/GRA-39	wait out
receiver/transmitter	wilco
TS- 1022/VRC	word after
switchboard connections for subscriber-radio link	word before
subscriber's cord	
Radio Link Jack	
signal indicators	
SB-22/TT (front)	
Operator's Peak	
subscriber's telephone jack	
operator's cord	

Phonetic Alphabet

A- Able	
B- Baker	
C- Charlie	
D- Dog	
E- Easy	
F- Fox	
G- George	
H- How	
I- Item	
J- Jig	
K- King	
L- Love	
M- Mike	
N- Nan	
O- Oboe	
P- Peter	
Q- Queen	
R- Roger	
S- Sugar	
T- Tare	
U- Uncle	
V- Vicker	
W- Walker	
X- Xray	
Y- Yankee	
Z- Zebra	

Numerals

numeral	pronounce
0	zero
1	wun
2	too
3	tree
4	four
5	five
6	six
7	seven
8	ate
9	niner
zero	zero-zero

113-59b-1001
Figure 2-26

assembly
opening door assembly
power pack
battery
lock plate
door holder
lock plate slot
door assembly
battery BA-200/U

113-59b-1002
Figure 2-27

diagram
trunk
interconnecting box J-2915/GT
two-operator installation
headset CD-1201/GT (25 ft.)
terminal
AC PWR
DC PWR
PWR
CD-1202/GT (12 ft)
CD-1206/GT
CD-1207/GT (8 ft)
Standard 115 VAC 3 wire outlet
CD-1208/GT (2 ft)
battery 1 12 volt
battery 2 12 volt
volt
A/B, A/B
CD 1202/GT (DC)
CD 1206 GT (amp)
115VAC
CD 1202/GT (12 ft)
CD-1207/GT (8 ft)
adapter
battery adapter
24 volt battery BB-457/U

113-59b-1002
Figure 2-28

at fold
break off tab
tab

Figure 2-29

interconnecting box J-2915 GT terminals
termination 1, 2 wire or 4-wire
termination 3A, 2-wire or 4-wire
termination 3B, 2-wire
termination 5B, 2-wire

113-60b-1001
Figure 2-30

case open
hand set 5-40 FT
handle
headset retaining springs
lock catch
hot binding post
battery compartment latch
battery compartment cover
selector switch
headset retaining handle
carrying strap
buzzer volume control
telephone set case CY-2772A/PT
off-hot switch
headset
receptacle cover
press to talk switch
dialing screen
receptacle connector U-79/U
binding post
line 1-2
headset mounting handle

APPENDIX 7

Appendix 7 is the machine generated vocabulary list. It was not useful for our purposes. It is included for a cross-reference of vocabulary.

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

Sig

WCA

DCI

36K SL 1/2

SEQUENTIAL DATA MANAGER

CODE NC	2 TYPE	RECORD BYTES
CHANGE	TEXT	00
ENTER	TEXT	00
FASTENED	TEXT	00
FORWARD	TEXT	00
GIVE	TEXT	00
HIGH	TEXT	00
HOCKS	TEXT	00
HOTEL	TEXT	00
KILO	TEXT	00
LOW	TEXT	00
MOVER	TEXT	00
NOTE	TEXT	00
POINT	TEXT	00
POSITION	TEXT	00
REPLY	TEXT	00
ROLL	TEXT	00
ROGER	TEXT	00
ROUTE	TEXT	00
RUN	TEXT	00
SPEEDY CONDITIONS	TEXT	00
VICTOR	TEXT	00
WILCO	TEXT	00

MASTER READ	12169	TRANS READ	872	UPDATED RECORDS	3615
LRECL	32	LRECL	80	LRECL	32
BLKSIZE	3136	BLKSIZE	8000	BLKSIZE	3136

1	[illegible]	184.2												
1	[illegible]	184.1												
1	[illegible]	189.1	145.1	185.1	183.2	180.1	83.1	65.1	29.1	29.2	7.2	6.1	2.1	
1	[illegible]	143.1												
1	[illegible]	1.1	8.1	6.2	2.2	253.1	159.1	127.1	109.2	29.1	28.1			
1	[illegible]	155.2	18.1	253.1	159.1	157.1								
1	[illegible]	163.1												
1	[illegible]	140.1												
1	[illegible]	165.1	177.1	25.1	24.1	9.1	1.1							
1	[illegible]	3.1												
1	[illegible]	185.2	177.2	131.1	115.1	29.1	7.1	1.2						
1	[illegible]	231.1	167.1	6.1	2.1									
1	[illegible]	173.1												
1	[illegible]	26.1												
1	[illegible]	211.1	3.2											
1	[illegible]	1.1	2.1											
1	[illegible]	182.1	115.1	9.2	2.1	1.3								
1	[illegible]	151.1												
1	[illegible]	153.1	23.1	4.4										
1	[illegible]	163.1	2.1											
1	[illegible]	7.1												
1	[illegible]	24.1												
1	[illegible]	89.1												
1	MAGNETO	127.1	2.1											
1	[illegible]	253.1	10.3	8.1	1.4									
1	[illegible]	7.2												
1	[illegible]	207.2	170.2	169.1	163.11	9.1	8.2	1.1						
1	[illegible]	6.2	163.2	10.2	8.2									
1	[illegible]	2.2	21.2	9.1	7.1	26.2	163.2	143.1	101.1	29.1	3.2	5.2		
1	SAFEGUARD	1.2												
1	[illegible]	1.1	182.2	181.2	5.2									
1	[illegible]	1.2												
1	TOXIC	115.1	177.2	131.1	185.2	1.2	89.1	7.1						
1	VENTILATION	131.1	115.1	89.1	25.1	7.1	165.1	177.1	1.1					
1	[illegible]	1.3	5.2	7.1	4.1	2.1	187.1	185.1	65.1	25.1	24.1	177.2	131.1	115.1
2	AUTO-MODE	143.1	1.1											
2	[illegible]-200/U	26.1	2.1											
2	[illegible]	8.2	5.1	229.1	195.1	159.2	119.1	115.1	103.2	91.1	26.1			
2	[illegible]-42	229.1												
2	[illegible]-4386/U	171.1												
2	BACKLASH	24.1												
2	BACKLASHING	24.1												
2	BASE	8.1	115.1											
2	BASED	163.2												
2	BATT-EXT-INT	26.2												
2	BUSY	143.1	5.4											
2	CARD	29.1	12.1											
2	CONF	129.5	127.2											
2	CONFERENCE	5.3	3.1	229.1	143.6	129.1	127.6	109.7	23.1					
2	CONFIDENTIAL	1.1												

21

2	CONNECT	9,2	8,1	7,2	,2	5,7	4,2	3,6	1,.	199,1	182,2	181,1	180,2	173,1
		143,2	137,1	109,3	103,7	101,2	89,1	26,7						
2	CONNECTED	93,1	5,2	6,2	1,1	231,1	221,1	201,1	187,1	155,1	143,1	101,2		
2	CONNECTING	4,1	12,1											
2	CONNECTION	69,2	12,1	5,1										
2	CONNECTIONS	115,1	12,1	2,1	1,3	231,1	143,1	131,2						
2	CONNECTOR	1,1	26,1	5,6	4,4	3,5								
2	CONNECTORS	173,1	25,1	2,1	1,3									
2	CONSTRUCTION	253,1												
2	CORDLESS	235,1	147,2	18,1	12,1	9,5	4,1	3,1	2,1					
2	CORRECT	91,1	26,1	18,3	9,1	4,4	241,1	173,1	163,2	131,1	109,1			
2	CUT	159,1	103,1											
2	CUTS	131,1	89,1											
2	DATE-TIME	163,1												
2	DETAILED	21,1												
2	DETERMINE	2,1	1,1	193,1	159,1	6,1	3,2							
2	DETERMINED	3,1												
2	DIG	145,1												
2	DIRECT	1,1	221,1	23,1	13,1	8,2	6,1	4,2						
2	DIRECTED	8,1	4,1	247,1	243,1	229,1	223,1	221,1	217,1					
2	DIRECTION	155,1	4,1	157,1										
2	EVALUATE	2,1												
2	EVALUATION	2,1												
2	EXT	26,1												
2	EXT-INT	1,1												
2	FAULT	159,1	21,6	7,2										
2	FAULTS	159,1	91,2	21,4	18,4	9,1	7,1	5,1	4,8	3,1	2,1			
2	FIFE	169,1												
2	FILL	10,2	4,2											
2	FILLED	7,1												
2	FOWER	17[illegible],2												
2	FOXS	167,1												
2	FUSES	131,1												
2	GAS	185,1	177,1											
2	GASES	1,1												
2	HEAR	2,1												
2	HEARD	1,2	211,1	4,1	3,1									
2	HITCH	153,1												
2	IAN	195,1												
2	JACK	26,1	6,4	2,1	201,1	129,1	127,5	109,19	103,15	101,4				
2	JACKS	129,1	115,3											
2	JULIETT	167,1												
2	JUMPER	195,1												
2	LETTERS	167,1												
2	LIM.	17[illegible],2	167,1											
2	LINE	2,2	1,6	7,2	5,7	4,1	3,1	253,3	157,1	155,5	153,1	131,1	129,1	127,2
		115,1	109,9	103,11	101,9	26,3	12,1	10,2	8,1					
2	LINK	143,6	6,2	5,6	4,3									
2	LOCATE	159,1	5,6	1,1										
2	LOCATION	189,1	71,1	7,2										

2	LOOPS	3,1												
2	MACHINE	223,1	221,3	217,2	83,2	24,3	4,4							
2	MAINTAINED	5,1												
2	MAINTENANCE	3,1	2,6	1,3	5,6	4,10	13,1	9,7	8,1	7,6	6,1	245,3	241,1	233,4
		215,4	193,1	189,2	185,4	177,4	131,5	119,1	115,4	71,3	24,4	21,6	18,1	
2	MANUAL	23,2	24,2	18,3	13,1	12,3	3,9	7,2	6,2	5,2	4,5	2,5	1,1	239,1
		235,1	233,1	231,3	229,3	227,2	195,1	149,1	147,2	131,2	129,3	119,2	115,2	103,2
		26,3	9,5	0,4										
2	MANUAL-MODE	1,1	141,1	4,1										
2	MAXIMUM	173,1												
2	MEANS	163,1												
2	MODEL	7,2												
2	MOUNT	195,1	180,1	65,3	3,3									
2	MOUNTED	3,1	245,1	243,1	217,2									
2	MOUNTING	1,2	12,1	4,4	3,1	2,1	217,1	89,2	18,1	13,2				
2	NEGATIVE	187,1												
2	NET	163,3	4,1											
2	NIN-ER	169,1												
2	NOTIFY	6,2	127,1	21,1	1,2									
2	NUMBER	3,4	2,3	253,1	191,2	163,1	109,5	103,2	21,2	7,2	4,1			
2	NUMERAL	167,1	163,1											
2	NUMERALS	169,1												
2	OUT	223,1	221,1	127,1	109,1	103,7	101,1	85,1	63,1	24,1	7,3	65,5	5,1	
2	OVER	131,2	103,1	63,1	1,1									
2	OVERHEATING	89,1												
2	OVERLAY	10,1												
2	OVERRUNNING	65,1												
2	OVERSPIN	24,1												
2	OVERSPINNING	24,1												
2	PAPA	167,1	170,1											
2	POLICE	155,1												
2	POLICING	243,1												
2	POSITION	1,3	101,1	89,4	26,2	24,2	23,2	9,2	8,1	6,1	5,7	4,13	3,3	2,7
		127,10	109,1	103,2	217,2	211,1	201,1	187,1	143,3	129,5				
2	POSITIONED	103,1												
2	PUSH-TO-TALK	201,1	103,1	101,1	6,1	4,2								
2	QUEBEC	167,1												
2	RECALL	127,1	109,3	229,1										
2	RECEIVE	9,1	4,1	3,1	163,2									
2	RECEIVE-PAIR	3,2												
2	REEL	4,6	155,1	89,4	85,3	83,3	7,2	65,17	63,3	24,9	23,5			
2	REELING	4,3	24,2	223,1	221,3	217,2	83,2							
2	REELS	115,1												
2	REPLY	163,2												
2	ROGER	170,1												
2	ROUTINE	4,1												
2	SECURE	159,1	149,1	103,1	85,1	65,1	24,1	4,1	3,1	1,5	8,2	5,2		
2	SECURED	1,1												
2	SECURITY	1,5	63,1	3,1	2,1									
2	SEND-PAIR	3,1												

23

SEADING	173,1												
SEVEN	169,2												
SEVEN	173,3												
SEVENTEEN	169,1												
SIERRA	173,1	167,1											
SIX	169,2	1,1											
SUPERVISORY	131,1	129,1	127,1	2,1									
SUPV	129,2	3,1	211,1										
SUPV-TRK	129,2	127,1											
TANGO	173,1												
TASK	65,2	63,1	26,1	24,1	71,2	93,1	91,1	83,1	153,1	151,1	119,1	115,1	103,2
	171,1	159,2	157,1	155,1	149,1	147,1	131,2	129,1	4,3	3,2	2,2	23,1	18,2
	12,1	9,3	8,4	7,1	6,2	5,3	254,2	235,2	195,2	193,1	189,2	207,1	201,1
	173,1	185,1	183,1	179,1	177,1	247,2	245,2	243,2	227,2	215,1	213,1	209,1	223,2
	221,2	217,2	233,2	231,2	229,2								
TEAM	5,1	4,4	2,3	131,1	93,1	91,2	71,1	18,3	9,1	189,1			
TEN	193,1												
TENSION	4,1	24,3											
TIGHT	131,1												
TIGHTEN	2,1	187,1	89,1	4,6	180,1	131,1	3,2						
TIGHTENING	7,1												
TIGHTLY	8,1	103,1	101,1										
TIGHTNESS	7,1												
VERIFY	3,1												
VOLTAGE	1,1												
WATT	2,2	109,4	103,1	4,2									
WON	169,5												
YANKEE	167,1												
ZE-RO	169,1												
ZERO	173,2												
ZULU	167,1												
AERIAL	243,1	159,1	151,2	4,1									
AIRVENT	4,1												
AUDIBLE	103,1	101,2											
AUTO	239,1												
AXLE	65,8	7,1											
BAND	173,1	4,1											
BARELY	3,1												
BASE	2,2	231,1	193,1	131,2									
BATTERIES	2,2	1,4	12,1	8,2	7,1	5,3	254,1	231,1	229,2	225,1	209,1	195,1	159,2
	129,1	119,1	115,2	103,3	101,1	26,3	25,1	23,2					
BATTERY	1,1	221,1	187,2	177,2	171,2	127,1	115,1	103,7	101,4	89,2	26,2	25,1	24,1
	23,2	8,2	4,11	3,1	2,2								
BEARING	7,1	65,10											
BELT	173,2	4,1											
BENDING	103,1												
BOARD	8,1												
BURIED	243,1	149,2											
BURST	5,1												
BUTTON	1,2												

3	BUTTONS	1,1												
3	BUZZ	2,1												
3	BUZZER	101,1	9,1	5,1	2,1									
3	C-2277/VRC	13,1												
3	C-2295/VRC	9,1	4,1	1,1	182,1	29,1								
3	C-2329	1,1												
3	C-2742/VRC	1,1	13,1	4,1										
3	CABLE	3,12	1,5	243,2	223,3	221,4	217,2	187,1	180,5	163,1	159,9	157,1	155,1	153,8
		151,7	149,2	103,2	93,1	91,1	89,2	85,1	83,3	65,7	24,6	10,2	9,1	8,5
		7,1	6,1	4,9										
3	CABLES	1,2	180,2	179,1	26,1	3,1	231,1	221,1	197,1	187,1				
3	CALL	127,13	109,13	103,3	95,1	25,1	23,1	6,3	5,3	4,3	3,3	2,10	1,1	251,1
		229,2	203,1	169,2	163,1	143,1	129,2							
3	CALLED	5,1	163,1	127,1	109,10	103,4	26,2							
3	CALLING	103,11	5,5	2,2	129,1	127,4	109,7							
3	CALLS	6,1	127,1	109,1	103,1	23,2								
3	CAREFULLY	103,1												
3	COMMAND	159,1	155,1											
3	COMMON	26,2	1,1	127,1										
3	COMMUNICATING	193,1												
3	COMMUNICATION	5,1	1,1	155,1	129,1	10,1								
3	COMPLETE	24,1	21,1	9,1	7,2	5,1	4,1	2,4	1,1	193,1	187,1	185,1	177,1	159,1
		131,2	127,1	119,1	115,2	89,1	25,1							
3	COMPLETED	1,1	6,1	4,2	3,1	2,1	245,1	233,1	21,2	7,2				
3	COMPLETELY	129,1												
3	COMPLETION	93,1	3,1											
3	COMPLY	163,1												
3	CONDITION	159,1	5,2											
3	CONDITIONS	2,2	1,1	6,2	5,4	4,3	3,1	119,1	115,2	103,3	93,2	91,1	83,1	65,4
		63,2	26,1	24,2	23,2	18,1	12,1	9,4	8,5	7,2	254,2	247,2	245,2	243,1
		235,1	233,1	231,1	229,1	227,1	223,2	221,2	217,2	215,1	213,1	209,1	207,1	201,2
		195,1	193,1	189,1	185,1	183,1	179,1	177,1	173,2	171,1	159,3	157,2	155,2	153,2
		151,2	149,2	147,1	131,2	129,2								
3	CONDUCT	8,1												
3	CONDUCTED	221,1	21,1											
3	CONDUCTOR	163,2	1,1											
3	CONDUCTORS	163,2	159,1	103,1	1,1									
3	CONNECT	25,1	5,1	3,1	103,3									
3	CONNECTS	103,2												
3	CONVERSATION	129,3												
3	COPPER	163,2												
3	CORD	2,4	1,1	201,1	129,1	127,10	115,2	109,2	103,5	101,1	26,4	6,4	3,1	
3	CORDS	187,1	25,1	2,1	131,1	129,1	115,1	26,1						
3	CORRECTLY	3,1	2,2	12,1	10,3	9,2	8,1	7,1	6,1	5,2	4,2	254,1	247,1	245,1
		243,1	235,1	233,1	231,1	229,1	227,1	223,1	221,1	217,1	215,1	213,1	209,1	201,1
		195,1	193,1	185,1	103,1	179,1	177,1	173,1	171,1	163,1	159,2	157,1	155,1	153,1
		151,1	149,1	147,1	131,1	129,1	119,1	115,1	103,2	93,1	91,1	83,1	65,2	63,1
		26,1	24,1	23,1	18,1									
3	CORRODED	115,1												
3	CORROSION	25,1	4,1	1,1	187,1	115,2								

3	CX-4722/VRC	189.1	3.2											
3	CY-4723	9.1												
3	CY-2562/PRC-25	2.1												
3	DAILY	5.1	2.2	185.1	177.1	131.1	71.3	24.1	21.6	9.2	7.3			
3	DECAL	187.1												
3	DEPRESS	211.1	3.2											
3	DEPRESSED	173.1												
3	DESIGNATED	163.1	21.1											
3	DESIGNATION	115.1	103.1	1.1										
3	DESIGNATOR	163.1												
3	DIAL	4.1												
3	DIGIT	211.2	169.2	3.1										
3	DIRECTIONS	85.1	5.1											
3	DIRT	4.1	131.1	115.3	7.1									
3	DIRTY	115.1												
3	DISASSEMBLE	147.2	129.1	23.1										
3	DISCONNECT	23.1	2.2	1.2	147.1	129.1	127.1	109.3	103.2					
3	DISCONNECTED	109.3	2.1											
3	DISPATCH'	6.2												
3	DOCUMENT	1.1												
3	DOCUMENTS	1.1												
3	DUST	4.2	115.1	7.1										
3	DUSTY	187.1												
3	EARTH	26.3												
3	EQUIPMENT	245.1	243.1	233.1	229.1	223.1	217.1	215.1	199.1	197.1	193.2	191.1	189.4	185.1
		180.1	177.1	155.1	131.1	119.2	115.2	109.1	89.1	71.3	24.1	21.6	9.3	7.8
		5.2	4.3	3.1	2.2	1.3								
3	EQUIPPED	29.1	24.1											
3	EXPOSED.	159.1	155.1											
3	EXTERNAL	115.1												
3	EXTINGUISHED	131.1												
3	FACING	3.1												
3	FASTEN	157.1	3.1	1.1										
3	FIELD	2.1	1.1	243.3	229.1	223.2	221.1	189.1	170.1	163.2	159.7	157.2	155.2	153.5
		151.6	109.1	103.1	93.2	85.1	71.1	65.4	26.2	24.3	10.5	6.1	4.2	
3	FIELDWIRES	1.1												
3	FIFTH	131.1	115.1											
3	FIRMLY	65.1	2.1											
3	FOLIATED	173.1												
3	FOLLOW	131.1	26.1	163.3	139.2	103.1								
3	FORM	245.2	233.3	215.2	207.3	193.4	189.4	187.1	185.2	177.1	131.3	119.3	115.3	89.1
		71.4	63.1	24.2	21.5	10.2	9.3	8.3	7.8	6.1	5.3	4.9	3.1	2.8
		1.3												
3	FORWARD	103.1												
3	FOUR	3.1	131.1											
3	FULL	7.2	115.1											
3	FUNCTION	65.1	4.1											
3	FUNGUS	131.1	115.1											
3	GARRISON	189.1	71.1											
3	GASKET	103.1	2.1											

1	[illegible]	129.6	103.4	101.4		115.1			
3	GUIDE	4.1							
3	GUY	153.3							
1	H-[illegible]/GO	26.1							
1	H-[illegible]/PT	2.7							
3	HAND CRANK	2.2							
3	HANDLE	24.1	7.1	89.1					
1	HANDSET	211.1	173.2	26.1	5.2	4.5	3.6	2.1	1.1
1	HANDSET-HEADSET	115.1	101.1	23.1					
3	HANDSETS	5.1							
3	HARNESS	3.1							
3	HEADBAND	103.1							
3	HEADSET	6.1	4.1	1.1	241.1	26.1			
1	HIGHER	211.1	3.1						
3	HOLD	143.1	131.1	127.1	5.1	2.1			
3	HOLDER	23.1							
3	HOLDERS	85.1							
3	HOURS	176.1							
3	JOINT	207.1	182.1	8.1	5.2				
3	KEYSHELF	131.1	2.1						
3	KIT	91.1							
3	LABEL	187.2	1.3						
3	LAMP	103.2	101.2	5.4	1.1	143.2			
3	LAMPS	143.1	4.1	1.2					
3	LASH	153.1							
1	LAY	1.1	151.2	103.1	8.2				
1	LEG	1.3							
3	LEGIBILITY	115.1							
3	LEGS	65.1	63.1	1.4	131.2				
3	LEVER	89.1	24.3	4.2					
3	LIFT	5.1	4.1	3.2					
3	LINE/TRUNK	101.1	231.1						
3	LINEMAN'S	221.1	153.1	65.1					
1	LINES	155.3	153.1	143.2	137.1	129.1	23.1	3.1	1.1
1	LIST	207.1	127.4	21.1	8.1	7.2	2.2		
1	LISTEN	3.1	2.1						
3	LISTENING	2.1							
3	LITE-CUT-MA-IN	101.1							
1	LOAD	83.1	65.2						
3	LOCAL	127.1	109.1	103.1	23.2	8.1	2.2	1.5	
3	LOCATED	2.1	1.1						
3	LOCK	105.1	131.1	103.1	23.2	3.2			
1	LOCKED	131.1	3.1						
3	LOG	8.1	7.2	4.2	207.1	21.1			
1	LOUD-LOW	1.1							
3	LOUDSPEAKER	1.1							
1	LUG	4.2							
3	LUGS	187.1							
3	MAIN	155.1							
3	MALFUNCTIONS	115.1							

3	PANPACK	4.1												
3	PARK	153.1												
3	PARKING	243.1												
3	PARKINGS	115.1												
3	PASSLINE	4.1												
3	PATCHING	183.3	3.7	197.1										
3	PATERIAL	1.1												
3	PATTOCK	149.1												
3	PECHANICAL	89.1	9.1	1.1										
3	PET	71.1	189.1											
3	PICROPHONE	3.2												
3	PID	1.1	23.1											
3	PIKE	167.1												
3	PILE	5.1	4.1	199.2	159.1	153.2	151.1	149.1	83.1	65.1	229.1	221.1	294.1	247.1
3	PILES	193.1												
3	PITCH	221.2	217.1	187.1	89.7	83.2	24.11	4.10	1.1					
3	PLANTS	243.1	179.1											
3	PM-1487B	133.1												
3	PM-6707/PRC	155.1	182.3	181.3	5.1									
3	PEED-TO-KNOW	63.1												
3	PETS	163.1												
3	PEUTRAL	2.2	129.3	127.1										
3	PHENCLATURE	7.2												
3	PHYSICATION	251.1												
3	PIERFAS	169.1	127.1											
3	PIL	7.1												
3	PUTPR	131.2												
3	PUTSIDE	3.1	103.1	23.1	10.1	4.2	237.1							
3	PACK	115.1	159.6	131.2	129.1	101.13	26.7	23.1	2.1	103.13				
3	PACKS	115.2	131.3											
3	PARTY	129.1	127.9	109.22	103.5	5.4	2.2							
3	PARTY'S	159.3	103.10	5.2	127.1									
3	PAVED	223.1												
3	PAVING	221.1												
3	PERFORM	5.4	4.5	3.1	2.6	1.6	215.3	213.1	193.5	189.3	6.1	177.3	155.1	143.1
		141.1	131.4	119.2	115.2	139.2	135.1	26.2	24.3	22.1	12.1	9.2	8.3	7.4
3	PERFORMANCE	5.2	4.1	3.1	8.1	7.1	6.1	2.2	1.1	254.1	247.1	153.1	151.1	149.1
		189.2	183.1	179.1	173.1	171.1	159.2	157.1	155.1	249.1	243.1	223.1	233.1	231.1
		229.1	227.1	223.1	221.1	217.1	215.1	213.1	209.1	231.1	195.2	193.2	147.1	131.2
		119.2	115.2	103.2	93.1	91.1	71.1	65.1	63.1	26.2	23.1	18.2	12.1	1[illegible].3
		9.3												
3	PERFORMED	4.5	3.4	2.4	91.2	83.2	71.2	65.4	63.2	26.2	24.2	23.3	21.3	18.2
		12.2	9.4	8.7	7.2	6.3	5.6	287.2	281.2	199.2	193.2	191.1	189.2	185.2
		193.2	179.2	177.2	173.2	171.2	151.2	159.4	157.2	155.2	153.2	149.2	115.2	103.4
		93.2	147.2	131.2	129.2	119.2	254.3	247.3	245.4	243.3	235.2	233.4	231.3	229.3
		227.3	223.3	221.3	217.3	215.2	213.2	209.2						
3	PERFORMING	3.1												
3	PIGTAIL	182.1	181.1	5.2										
3	POINT	159.1	5.4	3.1										
3	POINT-TO-POINT	5.2	3.1											

3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
3 PUSH	[illegible]	[illegible]	[illegible]	[illegible]									
3 PUSHED	127.1												
3 RADIO	1.4	183.2	101.1	163.1	179.4	177.3	173.6	171.2	173.2	183.4	26.2	27.1	13.3
	8.4	6.8	5.4	4.5	3.4	245.2	243.2	203.1	231.2	135.1	193.7	187.1	185.2
3 RADIO/WIRE	195.1	8.1	247.1	201.1									
3 RACK TELEPHONE	5.1												
3 READING	13.1												
3 READJUST	4.1												
3 READY	127.1												
3 REASONABLE	1.1												
3 RECEIVED	163.2												
3 RECEIVER	3.1	26.1	9.1										
3 RECEIVER-TRANSMITTER	3.10	1.5	195.1	187.1	183.1	180.1	243.1						
3 RECEIVING	179.2	183.1											
3 RECEPTACLE	1.1	121.1	89.1	4.4	3.9	180.4							
3 RECEPTACLES	187.1	182.1	3.1	1.1									
3 RECEPTION	1.1												
3 RECORD	4.8	21.2	18.3	6.1	3.3	2.1	193.2	119.1	91.1				
3 RECORDED	3.1	2.1											
3 RECORDING	183.1	1.1											
3 RECORDS	3.1												
3 RECOVER	65.2	24.2											
3 REGISTRATION/SERIAL/PSN	7.2												
3 REGULATIONS	1.2												
3 REINSTALLED	9.1												
3 REPAIR	1.4												
3 REPAIRING	163.2	159.2	21.1										
3 REPLACE	159.1												
3 REPLACED	89.1	23.3	5.2	4.1	2.2	1.6	189.1	183.1	181.1	187.1	119.1		
3 REPORTING	1.2												
3 REQUEST	183.1												
3 REQUESTED	159.1												
3 REQUESTING	127.1												
3 RESCUE	159.1												
3 RESTORE	159.1	153.1											
3 RETAINER	3.1												
3 RETAINING	131.3	153.1	88.1	23.2	4.4	3.1	2.3	1.1					
3 RETARD	29.1												
3 RETRANSMISSION	193.1												
3 RETRANSMIT-R/O	1.1												
3 RETURN	129.1	21.1	5.2	2.2									
3 RETURNED	9.1												
3 RING	127.0	109.20	103.3	101.4	6.2	2.4							
3 RINGER	3.1	1.2											
3 RINGING	2.9	101.4	9.1	8.1	5.1	127.5	109.0	103.4					
3 RINGS	131.1	1.1											

1	[illegible]	253.2	105.2	155.1	[illegible].1	0.1	3.2	1.3						
1	[illegible]	137.1	109.1											
1	[illegible]	18.1												
1	[illegible]	4.1												
1	[illegible]	111.1	115.1											
1	[illegible]	129.1	29.2	27.2	131.5	104.3	191.2	102.6	20.4	10.2	9.1	8.1	7.1	5.13
		3.1	2.2	1.1										
1	[illegible]	3.1	2.1	1.1	102.1	5.2								
1	[illegible]	273.1												
1	[illegible]	14.1												
1	[illegible]	143.1	141.1	5.1	4.1									
1	[illegible]	157.1	155.1	103.1	91.1	65.1								
1	[illegible]	211.1	8.1	4.2	1.2	13.1								
1	[illegible]	3.1												
1	[illegible]	143.1												
1	[illegible]	2.1												
1	[illegible]	255.1	63.1	24.1	9.1	3.1								
1	[illegible]	2.1	119.1	25.1	6.1	103.1	100.1							
1	[illegible]	1.1	2.1	9.1	7.4	9.1	6.1	205.1	233.1	103.1	177.1	21.3		
1	[illegible]	211.1	3.6	4.1										
1	[illegible]	129.1	127.2											
1	[illegible]	14.1	129.1	127.1	169.13	103.6	101.2	24.1	3.1	2.4	1.1			
1	[illegible]	127.1												
1	[illegible]	127.1												
1	[illegible]	1.1												
1	[illegible]	1.1												
1	[illegible]	1.1	91.1	65.1	1.1	137.1	159.1							
1	[illegible]	0.1												
1	[illegible]	1.1												
1	[illegible]	131.2	3.5											
1	[illegible]	1.1	159.1	23.1										
1	[illegible]	193.1												
1	[illegible]	6.1	3.1											
1	[illegible]	127.1												
1	[illegible]	127.1												
1	SUPERVISION	2.2	213.1	221.1	217.1	215.1	227.1	203.1	209.1	193.1	189.1	201.1	195.1	191.1
		129.1	153.1	151.1	149.1	147.1	145.1	143.1	139.1	137.1	133.1	171.1	150.2	157.1
		155.1	119.1	113.1	123.2	93.1	91.1	83.1	71.1	69.2	63.1	26.1	24.1	23.1
		12.1	4.2	3.1	13.3	9.2	8.1	7.1	6.1	5.2	294.1	243.1	243.1	243.1
		235.1	233.1	231.1	229.1									
1	SUPERVISOR	3.1	1.1	83.1	69.2	63.1	26.1	24.1	23.1	21.3	17.1	9.1	8.3	7.2
		6.1	5.2	4.3	157.1	171.1	199.2	207.1	177.1	173.1	291.1	195.1	193.1	183.1
		183.1	179.1	155.1	153.1	151.1	149.1	147.1	129.1	119.1	115.1	113.2	93.1	29.1
		247.1	229.1	245.1	243.1	239.1	233.1	231.1	227.1	219.1	223.1	221.1	217.1	213.1
		239.1												
1	SURFACE	103.2	123.1	6.1	3.1	190.1								
1	SYNOPSIS	21.1												
1	SYNOPSIS	233.1												
1	SYMPTOMS	21.2												
1	SYSTEM	1.1	2.1	201.2	195.1	18.1	247.1	3.1	7.1	6.2	5.1	12.1		

0	TA-1	157.1												
0	TA-125/OF	159.1												
0	TA-132/DT	03.2	61.2	0.2	5.1	4.1	2.2	273.1	153.1					
0	TAB	151.1	3.1	155.1	153.1									
0	TABS	4.1	151.1	243.1	243.1	153.1								
0	TALK	4.1	2.0	127.0	5.1									
0	TAPE	7.1	4.7	3.2	2.1									
0	TAPE	4.1	3.1	163.4	5.1									
0	TE-11	18.1	2.1											
0	TELECOMMUNICATIONS	27.1	10.2	9.1										
0	TELEPHONE	1.2	6.1	5.11	3.4	2.0	23.4	10.3	24.2	12.3	0.0	24.1	93.3	94.3
		63.1	5.0	118.4	134.0	238.1	233.1	231.2	225.1	227.2	223.2	215.2	0[illegible].7	169.7
		115.1	104.2	213.2	220.2	105.1	150.3	255.1	153.3	151.2	104.3	174.3	107.2	
0	TELEPHONES	3.2												
0	TELETYPE	23.1	154.3	157.3	155.2	103.1								
0	TELETYPES	115.1	3.2											
0	TELEWRITE	24.1	4.1	139.1	156.1									
0	TEMPORARY	1.3												
0	TERMINATING	2.2												
0	TERMINAL	174.1												
0	TEST	2.1	101.2	0.3	4.1	3.1	131.1	119.1	199.2	197.3	190.2	221.1	153.1	
0	TEX	65.1	5.1	151.1	154.1	150.6	107.1	102.1	181.1	150.1				
0	THE-DOWN	1.1	102.1	101.1	5.1									
0	THEY	197.1	100.2	3.1										
0	TIME	21.2	0.2	1.1	127.1	109.1	143.1	143.1						
0	TIMES	24.1	2.1											
0	TIO	1.1	102.1	5.0										
0	TOF	66.2												
0	TOOL	9.1												
0	TOOLS	2.1												
0	TRUE	1.1												
0	TURNING	4.1												
0	TURNED	21.2	5.1											
0	TURN	3.2	24.3	103.3	109.1	129.1	102.1	0.1	2.3					
0	TYPING	10.1	3.1											
0	U-102/U	199.1												
0	U-2/U	24.1												
0	U-[illegible]7	94.1												
0	UNION	93.1	227.1											
0	UNITED	3.1												
0	UNITING	28.1												
0	UNITION	4.1	217.1											
0	US	131.2	103.3											
0	USAGE	121.2												
0	USEFULLY	199.1												
0	USING	1.1												
0	VOLUME	21.1	4.1											
0	W-1/TT	3.1	4.2	1.1	109.2	119.1	103.3	0.1	0.1	157.1	199.1	193.4	191.3	199.3
		221.1	109.1	234.1	217.1									
0	WORK	3.3	3.2	60.1	24.2	24.1	23.1	10.1	0.1	3.2	4.4	199.1	102.2	101.7

131

	163.1	159.2	243.1	0.1	85.1	124.1	93.1	157.2	156.5	153.1	49.2	
USES	131.1	187.1	152.3	1.2	20.3	5.3	3.1					
[illegible]	265.1	186.2	71.2									
[illegible]	182.2	173.1	1.2									
TOTALIZE	2.1											
[illegible]	4.1											
[illegible]	3.1											
[illegible]	3.1											
[illegible]	3.1											
[illegible]	2.1	1.1	179.1	115.2	103.2	20.3	3.1					
[illegible]	115.1	103.2	7.1									
[illegible]	7.1											
[illegible]	7.1											
[illegible]	217.2	89.1	13.2	3.2								
[illegible]	154.1											
[illegible]	1.1											
[illegible]	2.1	2.1	102.1									
[illegible]	107.1											
[illegible]	100.1	25.1	27.1	3.2	1.1							
[illegible]	2.1											
[illegible]	84.2	7.1	5.1	1.1								
[illegible]	3.1											
[illegible]	31.1											
[illegible]	3.1											
[illegible]	203.1	173.2	91.1	4.2								
[illegible]	3.1											
[illegible]	20.2	9.1										
[illegible]	23.1	6.2	7.2	3.1	4.1	3.1	3.1	3.10	100.2	131.1	115.1	100.1
[illegible]	107.3	3.1										
[illegible]	100.1	100.1	103.1	80.2	3.2	7.1	3.1					
[illegible]	3.2	115.1	100.1	100.1	100.1	3.1						
[illegible]	103.1											
[illegible]	6.2	7.1	3.2	1.1	100.1	30.2						
[illegible]	3.1	27.1										
[illegible]	6.1											
[illegible]	177.1											
[illegible]	140.1	10.1										
[illegible]	2.1	1.1	120.1	3.1								
[illegible]	3.1											
[illegible]	100.1	3.1	7.2									
[illegible]	177.1											
[illegible]	41.1											
[illegible]	3.2											
[illegible]	17.1											
[illegible]	3.1											
[illegible]	40.1											
[illegible]	107.2											
[illegible]	3.1	2.2	127.1	100.11	100.2							
[illegible]	3.1											
[illegible]	3.1											

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
HEAT
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
LEVEL
LID
LIGHT
LIGHTS
LISTED
[illegible]
[illegible]
LOCATIONS
[illegible]
[illegible]
LOOSENESS
LOWER
MANAGEMENT
MANAGER
MANNER

133

WASHING	3.1												
WASHUP	1.1	2.2	215.1	193.1	163.2	119.1	18.1						
WASHES	4.2	3.1	2.1	263.1	235.1	233.1	231.1	225.1	227.1	223.1	221.1	217.1	215.1
	231.1	195.2	189.1	185.2	183.1	175.1	177.1	173.1	171.1	159.2	157.1	155.1	131.2
	120.1	119.1	153.2	151.1	149.1	147.1	115.1	103.2	93.1	91.1	83.1	65.2	20.1
	24.2	23.1	18.1	12.1	13.3	9.3	7.2	6.1	5.2	254.1	247.1	245.1	
WAS NOT	1.1												
WASE	239.2	211.1	193.1	3.1									
WASTURE	4.1												
WASTE	4.1												
WATERTIGHT	85.1	9.1											
WAYS	115.1	7.1	2.1										
WATERLINED	163.3	169.2											
PAGES	221.1	131.4	26.2	25.1	23.1	9.3	12.2	10.1	18.1	247.1	233.1	231.2	6.1
	4.5	3.6	2.4	1.1	8.2								
PAINT	1.1	115.1	89.1										
PANEL	1.1	187.2	131.1	26.1									
PANELS	2.1	25.1											
PANELLA	151.1												
PANORAMA	1.1												
PARSONNEL	197.1	180.1	26.1	21.3	5.2								
PAY	7.1												
PAYS	26.1	63.2	65.2										
POINTS	154.1	197.1	186.1	157.1	155.4								
POSITIVE	187.1												
POSITIONS	1.1												
POSSESSION	1.2												
POST	1.3	159.2	157.1	153.1	129.1	115.1	103.2	20.3	6.1				
POSTS	159.1	119.1	26.2	2.1	1.1								
RAINS	153.1												
RAPIDLY	133.1	2.3											
RATES	159.1												
RAYS	231.1	187.1	131.1	103.1	65.2	23.1	2.1	1.3					
RECEIVED	223.1												
RECOVERING	221.1												
RELEASE	103.1	89.1	24.3	4.2	2.3	1.1							
RELEASES	4.1	85.1											
RELEASING	4.1												
REPAIR	5.1												
REPAIRS	3.7	2.3	1.4	5.3	4.3	24.1	23.4	8.2	109.8	103.7	101.1	65.3	211.1
	187.2	177.1	159.1	131.2	129.2								
REPAIRED	115.1	1.1	231.1	187.1	131.1	129.1							
REPAIRING	1.1												
REPAIT	163.4	153.1											
REPEATERS	155.1												
REPEATING	163.1												
REPRINTED	3.1												
REQUIRED	5.2	4.3	3.1	185.1	173.2	163.1	26.1	21.1	6.1				
REQUIREMENT	163.1												
REQUIRES	18.1	163.1											

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	270.2	206.1	8.1	6.1	5.2	173.1	170.4	129.3	103.2	131.2	20.2		
[illegible]	13.1	93.1	159.2	155.1	153.1	151.1	170.1	163.1	243.1				
TOP	1.3	163.1	101.1	107.1	167.4	153.2	83.1	69.1	5.9	3.7			
[illegible]	1.1												
[illegible]	6.3	2.3	1.2	20.2	20.1	65.2	70.1	103.1	143.1	131.1	169.4	103.4	101.2
	80.1												
[illegible]	21.1	8.1											
[illegible]	5.6	4.10	3.3	2.4	1.3	131.1	129.2	119.1	103.1	131.1	65.2	191.1	173.1
	149.1	231.1	229.2	221.1	221.1	26.1	24.1	23.2	10.2	13.2	12.1	9.4	8.7
	7.1	6.4											
[illegible]	65.1												
[illegible]	4.1												
[illegible]	115.1												
[illegible]	71.1	61.2	63.1	20.1	8.1	7.1	5.1	4.2	2.2	93.1	91.1	83.1	185.1
	183.1	175.1	177.1	173.1	171.1	159.2	157.2	153.1	151.1	149.1	131.1	254.1	245.1
	263.1	227.1	223.1	221.1	217.1	215.1	213.1	209.1	195.1	193.1	185.1		
[illegible]	4.1	2.1	1.2	201.1	131.1	71.2	21.1	7.4					
[illegible]	8.1												
[illegible]	147.1	131.1	129.1	5.2									
[illegible]	3.1	2.2	5.1	4.2	7.1	8.1	10.1	12.1	10.3	9.2	24.1	23.1	63.1

13

	2a.1	85.2	177.1	171.1	159.2	157.1	155.1	153.1	151.1	149.1	147.1	131.1	129.1
	119.1	115.1	103.2	93.1	91.1	83.1	227.1	223.1	221.1	217.1	215.1	213.1	209.1
	231.1	195.1	193.1	18	183.1	176.1	247.1	245.1	43.1	235.1	233.1	231.1	254.1
WITHOUT	9.1												
WOMAN	115.1	5.2											
ZIR	137.1	167.1	9.2	1.2									
AVAILABLE	23.1	18.1	12.1	10.3	9.2	8.1	7.1	6.1	5.2	4.2	3.1	2.2	151.1
	149.1	147.1	131.1	129.1	119.1	115.1	103.2	93.1	91.1	83.1	71.1	65.2	63.1
	26.1	24.1	254.1	247.1	245.1	243.1	235.1	233.1	231.1	229.1	227.1	223.1	221.1
	217.1	215.1	213.1	209.1	201.1	195.1	193.1	189.1	185.1	183.1	179.1	177.1	173.1
	171.1	159.2	157.1	155.1	153.1								
AVOID	25.1												
BACK	187.2	182.1	181.1	173.1	127.4	109.5	101.1	6.1	5.1	4.1	3.5	2.1	
BASIC	3.1												
BASIS	63.1												
BED	4.1												
BEHIND	2.2												
BELOW	1.1	189.1	187.2	163.2	103.1	71.1	5.1						
BENT	115.2												
BETTER	21.1												
BETWEEN	132.1	181.1	180.2	129.1	133.1	26.1	5.2	3.6	1.1				
BEYOND	149.1												
BODILY	1.1												
BODY	9.1	185.1											
BOLTS	7.2	4.4	2.1	187.1	23.1								
BOTH	21.1	7.2											
BOTH	151.1	133.2	101.1	89.1	5.2	4.1							
BOTTOM	5.3	1.1	197.1	182.3	181.2	180.1	153.2	103.1					
BOX	2.1	1.5	159.2	157.1	137.1	29.1	12.1	4.3	3.1				
BOXES	26.1												
CAP	182.1	5.4	1.1										
CAPS	7.1	103.5	101.2	65.4	8.2								
CAPTIVE	115.1	103.2											
CARRYING	223.1	5.2											
CASE	8.2	5.2	103.9	101.4	25.1	23.2	223.1	187.1					
CASES	115.1												
CAUSE	115.1	9.1	1.1										
CERTAIN	25.1	4.1											
COMBAT	173.1	3.1											
COMMUNICATIONS	10.2	170.1	23.1										
COMPOUND	185.1	131.2	115.1	89.1	25.2	9.2	7.1	1.1					
COMPRESSED	9.2	1.2											
CONCEIVABLE	1.1												
CONJUNCTION	3.1												
CONTAINS	163.1												
CONTAINS	163.1												
CONTINUOUS	9.1												
CONTROL	1.12	24.4	13.2	8.1	7.2	6.1	5.1	4.12	3.6	249.1	180.2	89.3	26.1
CONVERTED	1.1												
CONVERTS	185.1	177.1											

5	CONVEYING	163,1												
5	COVER	7,2												
5	COVERS	1,1												
5	CORRESPONDENCE	26,2	5,1											
5	DEGREE	153,1												
5	DEPENDING	4,1												
5	DEPOT	6,1	4,2	1,1	13,1	8,1								
5	DESIGNS	143,1	109,1	103,1	8,1	6,1	5,3	4,2	2,3					
5	DIFFICULT	167,1												
5	DISCHARGED	24,1												
5	DISCOLORING	131,1												
5	DISCUSSED	53,1												
5	DISTURBING	9,1												
5	DOD	63,1												
5	DOORS	2,1	231,1	131,1										
5	DOUBLE	63,1												
5	DOWN	1,2	109,1	5,2	4,1									
5	DURING	1,3	65,2	9,1	8,1									
5	EITHER	89,2	1,2	103,1										
5	EXCESS	7,1												
5	EXCESSIVE	115,1												
5	FACILITIES	3,1	190,1											
5	FACILITY	18,1	12,1	3,1										
5	FIRD	1,2												
5	FINGERS	131,1	103,1											
5	FINISHED	103,1	129,1	109,1										
5	FIRST	109,2	131,1	191,1	127,1									
5	FIT	173,1												
5	FITS	131,1												
5	FOLD	131,1												
5	FOUND	21,8	7,4	1,1										
5	FUTURE	159,1	155,1											
5	GETTING	8,1												
5	GUARD	4,1												
5	HEADS	25,1												
5	HARDWARE	89,2												
5	HEAD	103,1												
5	HOLDING	1,3												
5	HOLE	103,3	65,1	63,1	23,1									
5	HOLES	182,1	181,1	63,2	5,1									
5	LAST	163,3												
5	LEAST	153,1	149,1	5,1										
5	LEAVE	151,1	21,3	7,2	3,3	2,2								
5	LESSON	5,2	173,1	170,4	129,3	103,2	101,2	26,2	8,1	6,1	231,2	229,3		
5	LONG	103,1	173,1											
5	LONGER	163,1												
5	LOWEST	2,1	193,1											
5	METAL	3,2												
5	MINUTES	3,1	2,2	12,1	10,3	5,1	4,1	9,2	8,1	7,1	6,1	231,1	229,1	227,1
		223,1	247,1	245,1	243,1	233,1	221,1	217,1	215,1	213,1	209,1	201,1	183,1	193,1

	195,1	185,1	179,1	17[illegible]	157,1	173,1	171,1	159,1	63,1	26,1	24,1	23,1	103,2
	93,1	51,1	83,1	65,2	155,1	151,1	149,1	147,1	131,1	129,1	119,1	115,1	18,1
5 MONITOR	29,1	193,2	173,1										
5 NECESSARY	163,1	109,1											
5 NEEDED	89,1	127,1											
5 NEVER	163,1												
5 NIGHT	241,1	101,2	4,1										
5 NORMAL	115,1	5,2	4,1	3,1	143,1	211,1	169,1						
5 NORMALLY	7,1	189,1	71,1										
5 OUTSIDE	1,1	7,2	155,1										
5 OUTWARD	65,1												
5 PAM	89,1												
5 PAPER	10,1												
5 PASS	103,2												
5 PASS OF	187,1												
5 PASSED	163,1												
5 PAUSE	163,2	109,1											
5 PERIOD	1,1												
5 PERMIT	151,1												
5 PERTINENT	193,1												
5 PINCHO	8,1												
5 PORTION	163,3												
5 PORTIONS	163,1												
5 POSSIBLE	103,1	101,1	89,1	21,1	7,1								
5 PURPOSE	190,1	3,2											
5 RANGE	173,2	23,1	1,1										
5 RANK	3,2	21,1											
5 RATE	65,1												
5 RATING	193,1	3,4	2,5										
5 REACH	1,1												
5 REASON	5,1												
5 RECOMMENDED	190,1	3,1											
5 REFER	1,2	29,1	27,1	26,4	25,2	24,1	21,2	18,4	9,3	8,4	7,2	5,1	2,5
	189,1	137,1	131,8	91,1	85,1	83,1	71,1						
5 REFERENCE	163,3												
5 REFLECT	7,1												
5 REMAINDER	109,1												
5 RESET	211,1												
5 RESISTOR	3,1												
5 RESISTORS	209,1												
5 RESPONDING	170,2												
5 RESPONSIBLE	1,3												
5 RESULT	7,1												
5 RETRACTION	115,1												
5 RIGHT	7,2												
5 ROD	26,3	131,1	103,2										
5 RODS	115,1												
5 ROLL	151,1	131,1											
5 RUBBER	131,1	1,1											
5 SAMPLE	169,1	163,1	7,1										

5	SATISFACTORILY	163,1												
5	SEC	2,3	1,6	255,1	254,1	251,1	245,1	243,5	241,1	239,1	211,1	209,1	203,1	237,1
		235,1	231,9	229,3	227,1	195,2	185,1	103,10	101,4	141,1	131,8	129,3	149,1	147,1
		143,1	127,1	119,1	115,10	109,4	65,3	63,2	29,1	26,1	23,6	12,1	10,9	9,2
		8,1	6,3	5,7	4,1	3,4	182,1	181,1	155,4	153,4	151,5	180,1	179,1	159,1
		157,1												
5	SECOND	139,3	163,1	153,1	127,1	191,1	101,2							
5	SECONDS	4,1	2,1	163,2										
5	SELF-EXPLANATORY	21,1												
5	SENSE	1,1												
5	SERIOUS	1,1	24,1	9,1										
5	SEVERAL	2,1												
5	SIDE	137,1	153,1	151,1	149,2	103,2	21,1	1,2						
5	SIDES	151,1	187,3											
5	SIGNATURE	21,1	3,2											
5	SINCE	163,1												
5	SOLIDLY	131,1												
5	SUBMIT	1,1	93,1	4,3										
5	SUBMITTED	4,1												
5	SUFFICIENT	89,1												
5	SUITABLE	153,1												
5	SUPPLIED	29,2												
5	SUPPORT	6,2	8,2	7,1	4,4	1,2	21,4	13,2	159,1	157,1				
5	SUSPECTED	5,1												
5	TABLE	2,3	4,2	109,1	10,2	6,2	1,4							
5	TACTICAL	5,2	4,2	3,1	215,1	227,1	223,1	221,1	217,1	213,1	2,2	233,1	231,1	229,1
		155,1	153,1	151,1	157,1	209,1	207,1	171,1	163,1	201,1	195,1	193,1	185,1	183,1
		179,1	177,1	173,1	159,2	65,2	26,1	63,1	115,1	103,2	93,1	51,1	83,1	24,1
		23,1	18,1	12,1	6,1	10,2	9,2	8,3	7,1	149,1	147,1	131,1	129,1	119,1
		235,1	254,1	247,1	245,1	243,1								
5	TITLE	1,2												
5	TOWARD	103,1	89,1	24,3	4,3									
5	VALUE	131,1												
5	VARNISH	167,1												
5	VEHICLE	4,2	7,2	24,1	65,5	89,1	83,1	247,1	243,1	221,2	217,1	189,1	197,1	195,2
		187,1	183,1	179,1	159,1	153,1								
5	VERY	103,1												
5	WALL	5,1												
5	WASH	25,1												
5	WOODEN	157,1												
5	WORD	163,3												
5	WORDS	167,1												
6	SUBSCRIBER	6,4	251,1	201,1										

APPENDIX 8

60 ECL STRUCTURES AND LEXICON

The following list of 60 ECL structures is included as an addition to the structural and lexical list. These structures and lexical items are very basic. Giving examples of each and every item would make this document much more cumbersome. Therefore to facilitate review, this list was attached. (See Section II for discussion.)

Sentences:

A.	Declarative	statement
B.	Interrogative	question
		(1) wh- questions
		(2) tag questions
		(3) yes/no questions
C.	Imperative	command, polite request
D.	Exclamatory	exclamation

Sentence Complexity:

A.	Simple	one full subject and predicate
B.	Compound	two or more independent clauses joined by:
		a. punctuation
		b. punctuation and conjunctive adverb
		c. coordinate conjunction
C.	Complex	one or more dependent clause and an independent clause
D.	Compound-Complex	two or more independent clauses and one or more dependent clauses.

Verbs:

A.	Concord	subject-verb agreement
B.	Transitive	takes an object
C.	Intransitive	doesn't take an object
D.	Copula	to be
E.	Linking	connectors
F.	Auxiliaries of tense	will, do, did
G.	Auxiliaries of modality	should, ought to, must, have to, have got to, able to, can, may, might, could, would
H.	Tense	present, past
I.	Aspect	perfect, progressive

Verbal Forms:

A.	Present Participle	active voice
B.	Past Participle	passive voice

Voice:

A.	Active	subject does action
B.	Passive	subject does not do action
	(a) agent expressed	
	(b) agent not expressed	

A. Singular	man, pen
B. Plural	men, pens
C. Count	chairs
D. Mass	flour
E. Possessive	soldier's
F. Collective	fish

ljectives:

A. Predicative	The tank is green.
B. Attributive	The green tank is moving.
C. Degrees of comparison	
(a) regular	big, bigger
(b) irregular	worse, worst
D. Ordinal/Cardinal Numbers	first, one

Adverbs:

A. Time/Frequency	immediately, today, ago
B. Place/Position	here, there, everywhere
C. Manner	maybe, possibly
D. Negative	no, never
E. Comparison of	nearest, harder
F. Degree	thoroughly, completely

Articles:

A. Definite	a, the
B. Indefinite	any, some

Pronouns:

A. Personal	you
B. Demonstrative	that
C. Indefinite	anybody, both, each
D. Reflexive	himself, yourself
E. Cases of	I, me, my, mine
F. Relative	who, whom, whose
G. Interrogative	who, which, what

Conjunctions:

A. Coordinating	and, but, or, nor
B. Subordinating	because, if, as, that, after
C. Correlative	either, or
D. Conjunctive adverb	therefore, furthermore

Prepositions:

A. Simple

(a) place	on, in
(b) time	in, at, on
(c) direction/motion	to
(d) manner/agent/ instrument	by, with
(e) measurement, number amount	of

B. Compound: according to, because of, by means

Vocabulary: words from 1100 through 2400 - Elementary and Intermediate Phase of General English materials

Special Expressions/Idioms "knock it off" "can it, buddy"

Verb Combinations "two word verbs"

TE

MED